

INDEX

One Hundred and First Quarto Volume—July 1, 1936, to December 31, 1936

AUTHORS

Anderson, Burt T., 64, 791
Angell, Dr. James R., 827

Gardner, T. H., 100
Giesl-Gieslingen, A., 214

Neubert, John V., 789

Beatty, Sir Edward, 922
Besler, Geo. D., 584
Besler, W. G., 256
Besler, William J., 584
Billings, Murray N., 474
Bingham, John W., 475
Bronson, C. B., 482
Browne, F. L., 686
Budd, Ralph, 521
Bunting, G. J., 70

Hall, Fitzgerald, 655
Hall, U. K., 787
Harriman, W. A., 732
Hart, R. P., 936
Hernly, Harold G., 289
Hobson, Herbert M., 120
Howe, Hon. C. D., 689
Howson, Elmer T., 78
Hull, E. F., 316

Ostermann, R. M., 866
Paris, C. H., 524
Patterson, W. J., 79, 185
Pelley, J. J., 570, 808
Powell, T. C., 956

Cartwright, K., 581
Chinn, Armstrong, 438
Clarke, H. R., 440
Clement, M. W., 517
Cravath, Paul D., 828

Jenks, W. J., 643
Johnston, C. E., 634

Reasoner, Charles E., 563
Riggs, Henry E., 622
Rohweder, A. V., 525

Daschback, J. L., 410
Dennedy, E. J., 920
Dewhurst, P. C., 838
Doughty, H. T., 794
Downs, L. A., 863
Duer, J. V. B., 492
Duncan, C. S., 381, 434
Duncan, H. R., 685
Dunn, Samuel O., 488, 817

Kerr, J. G., 321
Kirk, J. C., 116
Kroesen, Franklin I., 120

Lamont, Thomas W., 779
Larrabee, C. P., 780
Lisman, F. J., 207
Livengood, J. G., 67
Lyles, M. L., 458
Lynde, Cornelius, 590

Schramm, G. N., 780
Smith, R. K., 868
Sorensen, A. L., 753
Sprague, Desmond, 767
Stevens, J. S., 838
Swaine, Robert T., 249, 282
Swergal, Edwin, 385
Symes, J. M., 12, 77, 129

Eastman, J. B., 71, 149
Evans, T. W., 640

Mahaffie, Charles D., 761
Mason, E. R., 385
McBride, E., 920
McGuinness, F. J., 246
McManamy, Frank, 523
Meyer, E. A., 442
Moore, H. F., 25
Moulton, Dr. Harold G., 719

Taber, T. T., 39, 256
Taylerson, E. S., 780
Taylor, C. A., 65
Turner, F. P., 586

Foley, John, 482
Fry, Lawford H., 729

Wallace, L. W., 220, 677
Warner, Paul T., 186
Wilder, Alexander, 766
Williams, A. N., 439
Wilson, G. Lloyd, 179
Wilson, L. F., 869

INDEX

One Hundred and First Quarto Volume—July 1, 1936, to December 31, 1936

AUTHORS

Anderson, Burt T., 64, 791
Angell, Dr. James R., 827

Gardner, T. H., 100
Giesl-Gieslingen, A., 214

Neubert, John V., 789

Beatty, Sir Edward, 922
Besler, Geo. D., 584
Besler, W. G., 256
Besler, William J., 584
Billings, Murray N., 474
Bingham, John W., 475
Bronson, C. B., 482
Browne, F. L., 686
Budd, Ralph, 521
Bunting, G. J., 70

Hall, Fitzgerald, 655
Hall, U. K., 787
Harriman, W. A., 732
Hart, R. P., 936
Hernly, Harold G., 289
Hobson, Herbert M., 120
Howe, Hon. C. D., 689
Howson, Elmer T., 78
Hull, E. F., 316

Ostermann, R. M., 866
Paris, C. H., 524
Patterson, W. J., 79, 185
Pelley, J. J., 570, 808
Powell, T. C., 956

Cartwright, K., 581
Chinn, Armstrong, 438
Clarke, H. R., 440
Clement, M. W., 517
Cravath, Paul D., 828

Jenks, W. J., 643
Johnston, C. E., 634

Reasoner, Charles E., 563
Riggs, Henry E., 622
Rohweder, A. V., 525

Daschback, J. L., 410
Dennedy, E. J., 920
Dewhurst, P. C., 838
Doughty, H. T., 794
Downs, L. A., 863
Duer, J. V. B., 492
Duncan, C. S., 381, 434
Duncan, H. R., 685
Dunn, Samuel O., 488, 817

Kerr, J. G., 321
Kirk, J. C., 116
Kroesen, Franklin I., 120

Schramm, G. N., 780
Smith, R. K., 868
Sorensen, A. L., 753
Sprague, Desmond, 767
Stevens, J. S., 838
Swaine, Robert T., 249, 282
Swergal, Edwin, 385
Symes, J. M., 12, 77, 129

Eastman, J. B., 71, 149
Evans, T. W., 640

Mahaffie, Charles D., 761
Mason, E. R., 385
McBride, E., 920
McGuinness, F. J., 246
McManamy, Frank, 523
Meyer, E. A., 442
Moore, H. F., 25
Moulton, Dr. Harold G., 719

Taber, T. T., 39, 256
Taylerson, E. S., 780
Taylor, C. A., 65
Turner, F. P., 586

Foley, John, 482
Fry, Lawford H., 729

Wallace, L. W., 220, 677
Warner, Paul T., 186
Wilder, Alexander, 766
Williams, A. N., 439
Wilson, G. Lloyd, 179
Wilson, L. F., 869

GENERAL INDEX

[Illustrated articles are indicated thus*; Editorials thus†; Letters to Editor thus‡]

A

- ABC's of Justice to the Railways, 778†
 "Abraham Lincoln" One-Year Old, 86*
 Academy of Political Science: Railroads Discussed by, 693, 749, 777, 779
 Acceleration and Motion Tests on Electric Locomotives, 412*
 Accidents:
 Canton-Hankow Railway Collision, 644
 C. B. & Q. Denver Zephyr, 809
 Collisions Between Motor Vehicles and Trains, First Six Months, 1936, 735
 Grade Crossing; Safety Section Reports, 76, 192
 Grade Crossings, High Speed Trains at, 755
 I. C. C. Orders Special Reports Continued, 734
 I. C. C. Statistics: April, 192; May, 326; June, 462; July, 645; August, 810; September, 924
 Investigation Essential to Improvement, 79
 Light-Weight Trains, 276, 353 (Correction)
 Motor Vehicle, Co-ordinator's Report on, 946
 P. R. R. Near Menlo Park, N. J., 645
 P. R. R. Near Princeton, N. J., 691
 Safety Efforts of Railroads Classified, 77
 Safety Section Reports on, 76
 Steam Railway Statistics, 1922-1935, 486
 Track Work, Taking Accidents Out of, 442
 Train, Safety Section Report on, 77
 Accounting:
 Accounting Rules Published by A. A. R., 355
 Clearing House Urged by Eastman, 71
 Commissary Supplies; Co-ordinator's Report, 23
 Income Taxes and Accounting, Railroad, 71
 Interline Disputes, Settlement of; I. C., 70
 Accounting Division, A. A. R.; Annual Meeting, 67*, 249, 282, 321
 Acme Fast Freight, Inc.: Freight Forwarding Investigation, 562, 591, 880
 Advertising: (See also Public Relations)
 A. A. R. Program, Outline of, 336*
 A. T. & S. F. Freight Service Campaign, 960
 I. C. Radio Programs, 733
 N. Y. N. H. & H. Booklet on Travel by Rail, 160
 Old Cars as Traveling Billboards, 385‡
 Pullman Plans National Campaign, 810
 Southern Pacific Poster, 257*
 Advertising Federation of America:
 McReynolds, E. H., President of, 84‡, 187*
 Tyler, L. H., Elected a Governor of, 158
 Agricultural Adjustment Administration: Increased Farm Income Paralleled by Increased Freight Shipments, 570
 Agriculture, Industry and Transportation, 467†
 Agriculture Vital to Railroad Success, 646
 Air-Conditioning:
 A. A. R. Study of, 125, 677, 843
 A. R. E. Report on Car Electrical Equipment, 681
 C. B. & Q. Denver Zephyrs, 666; Twin Zephyrs, 935
 Cost to Railroads, 677
 N. Y. C. "Mercury," 61*
 Number of Air Conditioned Cars, 145, 842
 P. R. R. Modernized Coaches, 367*
 Public Asked to Express Views on, 125, 677
 Air Express, Ninth Anniversary of, 369
 Air-Express Shopping Service, 294
 Air Express Traffic, 140, 459, 657, 764, 840, 884, 921 (Heavy Christmas Traffic)
 Air Line Traffic in June, 221; July, 388; October, 884
 Air Line Traffic Increase Since 1928, 764
 Akron, Canton & Youngstown: Reorganization Plan Filed, 737
 Alaska Railroad:
 Authorized to Engage in Coastwise and Ocean Transport, 770
 Results in 1936, 882
 Allegheny Corp.: Senate Financial Investigation of, 878, 915
 Allis-Chalmers Electrical Equipment for Baldwin Switcher, 747*
 Alton:
 "Abraham Lincoln" One-Year Old, 86*
 Ozark State Zephyr, 923
 Aluminum-Slat Blind for Passenger Cars, 245*
 American Association of Passenger Traffic Officers: Annual Meeting, 691, 763
 American Association of Railroad Superintendents: Discipline, Proper, 281
 Importance of Proper Organization, 279
 Operating and Signaling Aspects of High-Speed Passenger Train Operation, 63*
 Speed and Efficiency in Handling Merchandise, 177*, 211*
 Speeding Up Terminal Operation, 445
 American Association of Railroad Ticket Agents: Annual Sales Meeting, 353
 American Brake Shoe & Foundry Co.: New Brake-Shoe Testing Machine, 138*
 American Car & Foundry Company: Fiftieth Anniversary of H. W. Wolff, 427*
 American Locomotive Company: U. P. 4-6-6-4 Type Locomotives, 900*

- American Railway Bridge & Building Association:
 Annual Meeting, 633*, 646, 683*, 936*
 American Railway Development Association: Annual Meeting, 571
 American Railway Engineering Association:
 Officers Nominated, 843
 Tie Renewal Statistics, 1931-1935, 313
 American Railway Magazine Editors Association: Fall Convention, 645
 American Short Line Railroad Association:
 Annual Meeting, 353
 Funds Supplied to Complete Co-ordinator's Reports, 418
 American Society for Testing Materials: Annual Meeting, 73
 American Society of Mechanical Engineers:
 Annual Meeting, 646, 811, 827
 Niagara Falls Meeting, 327
 Railroad Division Dinner, 768
 Westinghouse and His Work Commemorated by, 827
 American Steel Foundries: I. C. C. Files Suit to Dismiss Spotting Order Injunction, 425
 American Trucking Associations, Inc.: Injunction Against Eastern Store-Door Tariffs Denied, 731, 768, 806
 Motor Freight Classification, New, 921
 American Type Founders: Printing Exhibit Train, 295, 494*
 American Wood-Preservers' Association: Wood Preservation Statistics for 1935, 142
 Apprentice Training, Revival of, 897†
 Arkansas Signal Contracts, 464
 Arlington & Fairfax: Passenger Auto-Railers, 951*
 Articulated Sleeper-Observation Car, Pullman Two-Unit, 260, 340*
 Ashley, Drew & Northern: R. F. C. Loan Extended, 328
 Associated Railways Co.: Hearings on Plan for Purchasing M. & St. L., 44, 88, 131, 162, 195, 226
 Associated Traffic Clubs of America:
 Annual Meeting, 529, 590
 Study Course in Rail Transport, 260
 Association of American Railroads:
 Accounting Division:
 Annual Meeting, 67*, 249, 282, 321
 Committees Appointed, 352
 "Railway Accounting Rules" Issued, 355
 Air-Conditioning Research Study, 125, 677, 842
 Car Service Division:
 Annual Report of, 797
 Auto Loaders, Circular on, 127
 Wheat Crop, Handling of the, 192
 Co-ordination Studies, Progress in, 23, 158, 732
 Division of Equipment Research: L. W. Wallace on Railroad Research, 220
 Electric Power Requirements for Trains, 386
 Electrical Section Meeting, 675*, 678
 Equipment Installed, 193, 427, 461, 646, 884
 Equipment on Order, 192, 427, 461, 646, 884
 Freight Claim Division: Prize Contest, 606
 Freight Rate Structure Changes Proposed, 528, 605, 621, 734, 785
 Funds Supplied to Complete Co-ordinator's Reports, 418
 Grade Crossings, Number of, 531
 Load per Car Increases, Average, 260
 Loans Made to Railroads, Status of, 258
 Long-and-Short-Haul Clause Repeal, Pamphlet on, 692
 Maintenance Expenditures in 1935, 259
 McLaurin, H. F., to Direct Advertising, 221
 Meals Served in Dining Cars Annually, 569
 Mechanical Division:
 Letter Ballot Returns, 735
 Meeting and Exhibit in 1937, 580†, 689, 840
 No Car Shortage of Any Consequence, 605
 Patent Division Created, 691
 Per Diem Plan Attacked by P. H. & D., 644
 Per Diem Plan, Savings Due to, 797
 Power Reverse Gear Agreement Approved, 488
 Public Relations Program, 336*, 342
 Purchases and Stores Division:
 Activities with Federal Co-ordinator, 112
 Annual Meeting, 12* (Program), 110*
 Annual Meeting and Exhibit in 1937, 689
 Committees Appointed, New, 532
 Essay Contest Papers, 120*, 563*
 Report of General Committee, 112
 Report on Fire Prevention, 118
 Report on Forecasting Requirements, 116
 Report on Forest Products, 115
 Report on Handling Materials, 121*
 Report on Handling Scrap, 113
 Report on Material Guarantees, 121
 Report on Pricing and Inventory, 117*
 Report on Purchasing Practices and Records, 117
 Report on Reclamation, Joint, 114*
 Report on Sectional Stores Meetings, 116
 Report on Simplification and Standardization, 118*
 Report on Special Devices, 120
 Report on Stationery and Printing, 118*
 Statement of J. M. Symes to *Railway Age*, 12*
 Rebuilding the Railroad Industry, 47†
- Association of American Railroads:—(Continued)
 Research Activities During 1936, 732
 Safety Section:
 Annual Meeting, 76
 Circulars, 606, 770, 922
 Grade Crossing Accident Statistics, 76, 192
 Telegraph & Telephone Section Meeting, 259, 559
 Trespassing Still a Serious Problem, 294
 U. S. Roads Leaders in Fast Train Services, 293
 Association of Manufacturers of Chilled Car Wheels: F. H. Hardin Elected President, 320*
 Association of Practitioners Before the I. C. C.: Annual Meeting of, 691
 Association of Railway Electrical Engineers: Annual Meeting, 675*, 680
 Atchison, Topeka & Santa Fe:
 Coach, Light-Weight, Tested by, 885*
 Freight Service Advertising Campaign, 960
 Highway Department Organized, 125
 Highway Subsidiaries Expanding, 292
 Public Relations Department Organized, 458
 Rail-Bus Terminal in San Francisco, 157
 \$75,000 Damages for Injuries, 606
 Tie Research, Thirty-five Years of, 402*
 Atlantic Coast Line: Medal Awarded to C. N. Mathis, 190
 Atlantic States Shippers Board Meeting, 553
 Attack Upon the Middle Class, An, 1†
 Auto Loaders, Car Service Div. Circular on, 127
 Automatic Electric Co.: Telephones on U. P. Streamliners, 273*
 Automatic Train Stops Abandoned by New Haven, 258, 647
 Automobile-at-Destination Plan; N. Y. C., 645
 Automobile Caravanning, Seek to Stop Abuses in, 921
 Automobile Traffic Men Show Concern Over Car Supply, 644
 Auto-Railer, Evans, on the C. A. & S., 453*
 Auto-Railers on the Arlington & Fairfax, 951*

B

- Baggage Cars, Brakes on, Bureau of Safety Report on, 884
 Baggage Checking, Suggestion for, 158
 Baikal-Amur Magister; New Siberian Line, 885
 Baldwin Locomotive Works:
 Switcher, Diesel-Electric; No. 62,000, 746*
 Union 0-10-2 Type Locomotives, 105*, 570
 Ballast Cleaning, Cost of, 485
 Baltimore & Ohio:
 Freight Forwarding Investigation, 631
 Labor Day Traffic, 386
 Motor Coaches Ordered, Streamlined, 696
 Ohio Flood-Control Line Revision, 345*
 Passenger Revenue Increases, 82
 "Royal Blue" Coach Seats Reserved, 842
 "Royal Blue" Running Time Reduced, 842
 S. I. R. T. Grade Crossing Projects, 857*
 Train Connection Services, 287*
 Train Time Shortened, 159
 Trains Added to Handle Passenger Traffic, 190
 Wheel Load Tests, 27*
 Banana Traffic on the International Railways of Central America, 943*
 Bankruptcy (See Reorganization)
 Bankruptcy Act, C. D. Mahaffie on, 761
 Barron's Weekly: Shippers Fostering Government Ownership, 846
 Bearings (See Roller Bearings)
 Bedroom Cars, Pullman Two-Unit, 260, 340*
 Besler Steam Power Plant in New Haven Two-Car Train, 529, 581*
 Bethlehem Steel Company: New Continuous Strip Mill Opened, 24*
 Better Service Conference on N. & W., 643
 Bicycle Trains, 489, 644
 Blind, Metlvan, for Passenger Cars, 245*
 Block Signaling (See Signaling: Block)
 Board of Engineers: Report on Ports of Upper Hudson River, 733
 Boiler on N. & W. 2-6-4 Type Locomotives, 435*
 Boston & Albany: Freight Forwarding Investigation, 592
 Boston & Maine:
 Freight Forwarding Investigation, 591
 Locomotives Ordered, 673
 Boston & Maine-Central Vermont Airways: Safety Record, 424
 Box Car Situation, Car Service Div. Report on, 797
 Box Car, Standard, 956†
 Brake-Shoe Testing Machine in Sargent Laboratory, New, 138*
 Brakemaster Ask Better Seating Facilities, 188
 Brakes on Baggage Cars, Bureau of Safety Report on, 884
 Bridge and Building Supply Men's Exhibit, 646
 Bridge Design, Meeting Specific Problems in, 936*
 Bridge Maintenance for High Speed Train Service, Report on, 636
 Bridge Piers and Abutments, Under-Water Repairs to, Report on, 636
 Bridge Work, Organizing Gangs for, 685

GENERAL INDEX—Continued

[Illustrated articles are indicated thus*; Editorials thus†; Letters to Editor thus‡]

- Bridges:**
 Concrete Deck for; M. P. Bridge, 172*
 F. E. C. All-Welded Bridges, 100*
 George Westinghouse, Panels for, 129*
 M. P. Low-Level Bridge Across the Nueces, 172*
- N. Y. C. at Syracuse, 504*
 Northernmost Railway Bridge, 38*
 Preframing Timber Bridges, Report on, 635
 Steel; Protection Against Brine Dripping, 685
 Timber, Merits of Different Woods for, 684
 Wabash; on the Missouri at St. Charles, 821*
 Brine Drippings, Protecting Steel Bridges Against, 685
- Brotherhood of Locomotive Engineers:**
 Power Reverse Gear Agreement with A. A. R., 488
 Power Reverse Gear Case, 125
- Brotherhood of Locomotive Firemen & Enginemen:**
 Power Reverse Gear Agreement with A. A. R., 488
 Power Reverse Gear Case, 125
 Stoker Hearings Resumed, 458
 Two Men in Engine Cabs Asked by, 353
- Brotherhood of Locomotive Firemen & Enginemen's Magazine:** A Union Employee's Interest in Railroad Prosperity, 237, 294 (Correction)
- Brotherhood of Railroad Trainmen:** Better Seating Facilities for Brakemen Asked, 188
- Brotherhood of Railway Clerks, P. R. R. Recognizes:** 607
- Budd Manufacturing Company, Edward G. C. B. & O. Denver Zephyrs:** 572, 658*
 Motor Coaches for Iraq, Stainless Steel, 455
- Buildings, Sturdy, for D. & H. Stores:** 246*
- Burlington Transportation Company:** Motor Coach Terminal in Chicago, 157
- Busch-Sulzer Bros.: I. C. Diesel-Electric Switching Locomotive:** 304*
- Business:**
 Agriculture, Industry and Transportation, 467†
 Big Business and Capitalism, 899†
 "Class Struggle" and Capitalism, 301†, 399†
 Election, The, 652†
 Election and Big Business, The, 743†
 Four Years' Discussion of Business and Business Problems, 362
 Freight Loading Trend Since 1929, 136*†, 235*, 269†, 930†
 Opportunity for Far-Sighted Leadership, 501†
 What Business Needs, 815†
 Why Has Recovery Occurred?, 577†
- Business Opinion Is Impotent, Why, 655**
- Business Problems Now Akin to Railroad Problems, 488**
- Business Responsible for Government Ownership Trend, 777†**
- Buying (See Purchases)**
- C**
- Cab Signaling (See Signaling: Cab)**
- California & Oregon Coast: R.F.C. Loan, 225**
- Camp Coaches for Coronation Week, 957**
- Canada:**
 Caterpillar Plague, Another, 126
 Champlain & St. Lawrence Centenary, 127, 222
 Drought Relief Rates in, 293
 Freight Car Loading, 32, 66, 123, 140, 174, 213, 240, 284, 309, 342, 369, 408, 444, 478, 513, 558, 585, 632, 682, 713, 765, 794, 836, 862, 910, 940
 Railway Wage Restoration Sought, 426, 459, 645, 771, 842
 Regulation of All Transport Agencies Proposed, 689, 843
- Canadian Brotherhood of Railway Employees: Naming of B. L. Daly to C. N. R. Board Condemned, 490**
- Canadian National:**
 Board of Directors Appointed, 419*, 426, 490, 531
 Champlain & St. Lawrence Centenary, 127, 222
 Earnings, 41, 223, 354, 491, 689, 843
 Employees Praised by Heads of System, 531
 Howe, Hon. C. D., on, 689
 Locomotives, 4-8-4 Type Streamline, 175*
 "Maple Leaf" Time Reduced, 460
 Relief Workers for Maintenance Work, 128, 714*
- Rouyn Line to be Constructed, 494, 532, 772
- Shop Work to be Expanded, 882
- Station at London, Ont., Opened by Lord Mayor of London, 387
- Telegraph Celebration, 127
- Thornton, Sir Henry; Memory Honored by Employees, 960
- Trains, New, Added to Service, 460
- Canadian Pacific:**
 Cars, Light-Weight Passenger, 709*
 Contributory Pension Plan Adopted, 531
 Earnings, 41, 223, 354, 491, 689, 843
 Golden Anniversary of First Transcontinental Train, 40
 Locomotives, 4-4-4 Jubilee, 171*, 189, 479*
 Relief Workers for Maintenance Work, 128, 714*
- Canadian Railway Club: Beatty Warns Against Over-Rapid Innovation, 922
- Canals:**
 Florida Canal Found Justified, 769, 959
 N. Y. State Barge, Unjust Competition of, 529
- Capitalism, Big Business and, 899†**
- Capitalist, "Class Struggle" and, 301†, 399†**
- Car Department Officers' Association Not to Meet This Year, 426**
- Car Electrical Equipment, A.R.E.E. Report on, 681**
- Car Ferries for English Channel Service, 626***
- Car Foremen's Association of Chicago: Officers Elected, 607**
- Car Spotting Case, I.C.C. Finding Upheld in Milwaukee, 769**
- Car Spotting Order in Pittsburgh Vicinity Enjoined, 607**
- Car Spotting Order Injunction, I.C.C. Files Suit to Dismiss, 425**
- Car Trucks (See Trucks)**
- Carnegie-Illinois Steel Corp.: Corrosion of Steel Cars by Coal, 780***
- Carrier Communication Systems, 559**
- Cars: (See also Rail Motor Cars; also Streamlined Trains)**
- Freight:**
 Box, Car Service Division Report on, 797
 Box, Standard, 956‡
 Concrete Placer Car; P. R. R., 244*
 Corrosion of Steel Cars by Coal, 780*
 Old Cars as Traveling Billboards, 385‡
 Refrigerator, Steel, Adopted as Standard by General American Transportation Corp., 122*
- Passenger:**
 A. T. & S. F. Tests Light-Weight Coach, 885*
 C. P. R. Light-Weight Equipment, 709*
 Changes Needed; Passenger Traffic Officers Discuss, 763
 C. M. St. P. & P. Hiawatha Cars, 492, 548*
 Coach, Double-Deck, on German Railroad, 241*
 Coaches, P. R. R. Modernizing Schemes for, 367*
 Metlvanne Blind for, 245*
 Pullman Articulated Unit, 260, 340*
 Riding Qualities of, 214*, 526‡
 St. L.-S. F. All-Welded Cars, 825*
- Cartoon: A Lot of Life in the Old Boy Yet!, 401***
- Caskets, Handing, 766‡**
- Cedar Rapids & Iowa City: Collection and Delivery of Passengers, 189, 449***
- Cederstrom Freight Handling Device Tested, 455***
- Cement, A.S.T.M. Report on, 75**
- Centenary of Railroading in Harrisburg, 462**
- Centenary of the Champlain & St. Lawrence, 127, 222**
- Centenary of the Lobdell Car Wheel Co., 295**
- Central of Georgia:**
 Cost of Carrying Passengers in Sleepers, 872
 Pier Shed Constructed with Scrap Rails, 907*
- Central of New Jersey:**
 Labor Day Traffic, 386
 Lecture Given on Excursion Train, 731
 Locomotive, First Diesel-Electric, 256*‡
 Passenger Revenues Increase, 86
 Rail Car, First Gasoline, 256‡
 Railroad Enthusiasts Inspection Trip, 808
- Central Vermont Motor Truck Permit Recommended, 962**
- Central Vermont Terminals, Inc., Formed, 644**
- Centralized Traffic Control:**
 C. & O. Near Alleghany, Va., 238*
 High-Speed Train Operation with, 65
- Champlain & St. Lawrence, Centenary of, 127, 222**
- Charles City Western: R.F.C. Loan, 131**
- Chesapeake & Ohio:**
 Centralized Control Near Alleghany, Va., 238*
 Coal Dumper, New, at Presque Isle, 554*
 Public Relations Conference, 693
 Station at Williamsburg, Va., 99*
- Chicago & Eastern Illinois: Equipment and Maintenance Needs, 262**
- Chicago & North Western:**
 Crossing Gates, Automatic, at Waukegan, 470*
 Freight Forwarding Investigation, 879
 High-Speed Trains; Operating Results, 763
 Passenger Sales Training Campaign, 775
 Passenger Traffic, Increase in, 86
 Pooling of Ore Traffic, 885
 Reorganization Plan Filed, 35, 162, 328
 Stewardess Service on "400," 259
 Streamlined Trains Ordered, 846
 Union Transfer Company Acquisition Case, 40, 126, 698, 806
- Chicago, Atch. & Southern: Auto-Railer in Revenue Service, 453***
- Chicago, Burlington & Quincy:**
 Advance Denver Zephyr's Time Reduced, 40; Completes 200,000 Miles, 426
- Denver Zephyrs:**
 Accident in Denver Terminal, 809
 Description of, 572, 658*, 669*
 Placed in Service, 734
 "Silver" Cars, 424, 659
 World Speed Records Broken, 571, 627*
 Grading with Mechanized Equipment, 756*
 Locomotives, Diesel, for Denver Zephyrs, 669*;
 Twin Zephyrs, 931*
- Ozark State Zephyr, 923
- "Sam Houston Zephyr," 459
- Track Relocation Near Chariton, Ia., 756*
- Chicago, Burlington & Quincy:—(Continued)**
- Twin Zephyrs, New, Placed in Service, 840, 923 (Christening of), 931*
 Union Transfer Company Acquisition Case, 40, 126, 698, 806
 Veterans Hold Reunion, 427
- Zephyrs, Operating Results of, 763
- Chicago Eastern Time Petition Denied, 311**
- Chicago Great Western:**
 Joint Motor-Rail-Motor Rates, 36, 294, 802
 R.F.C. Equipment Loan, 44, 162, 171†
 Reorganization Plan Filed, 496, 609
 Stock Yard Tariff Suspended, 426
- Strike Vote Begun, 530
- Trucks-on-Flat Car Tariff Approved, 36, 85, 292*, 353
- Chicago, Indianapolis & Louisville:**
 New Fast Freight Train, 260
 Reorganization Plan, 798
- Chicago Junction: Store-Door Service, 190**
- Chicago, Milwaukee, St. Paul & Pacific:**
 Cars, New, for the "Hiawatha," 492, 548*
 Hiawatha, Traffic Increases, 126, 258, 388
 Hiawatha Operating Results, 764
 No Fraud in Operation of, 693
 Passenger Traffic, Increase in, 86
 Pooling of Ore Traffic, 885
 Train Time Shortened, 733
 Union Transfer Company Acquisition Opposed, 40, 126, 698, 806
 Valuation, 297
- Veterans Association to Meet, 386
- Chicago, North Shore & Milwaukee:**
 Exempt from Railway Labor Act, 768
 Rail-Truck Service with Keshin Motor Express Co., 571, 601*
- Chicago Passenger Stations, History of, 644**
- Chicago Railway Special Agents' & Police Association: Annual Banquet, 923**
- Chicago, Rock Island & Gulf: Rigid-Frame Design in Subway at Ringgold, Tex., 271***
- Chicago, Rock Island & Pacific:**
 Cederstrom Container Demonstrated, 455*
 Coach Tourist Trains Established, 960
 Fire in Roundhouse at St. Joseph, 87
 Injunction on Sale of Securities, 195
 Motor Trucks for Water Service Dept., 952*
 Operation Over Line of M. & St. L., 732
 Reorganization Plan Filed, 147
 Streamlined Trains Ordered, 525, 534, 812, 845
 Train Time Shortened, 960
- Chicago, St. Paul, Minneapolis & Omaha; Golden Anniversary of, 193**
- Chicago Tribune: Legal Rebates, 431**
- Chicago Union Station, Water Main Breaks in, 159**
- Children's Menu Introduced on S. P. Trains, 352***
- China:**
 Collision on Canton-Hankow Railway, 644
 Inquiry for Railway Engineers, 41
 Christmas Party Operated by N. Y. C., 924
 Cinder Plant, Ross & White Air-Operated, 184*
 Citrus Rates, Fourth Section Relief on, 689
 "City of Denver"; U. P. Train, 4*, 40, 273*
 Claims:
 Contest for Prevention of, 606
 Perishables, Damage Claims on, 253
 \$75,000 Damages for Injuries, 606
- Class Rates:**
 Simplification Proposed by A.A.R., 528, 605, 621, 734, 785
- Southern, I.C.C. to Investigate, 531, 691, 810**
- "Class Struggle" and Capitalism, 301†, 399†
- Clearing House for Interline Accounts Again Urged by Eastman, 71**
- Cleveland, Columbus & Cincinnati Highway, Inc.: Denial of Acquisition of Reo Transportation Company Recommended, 565**
- Clinchfield R.R.: Rail Lubricator, 420*, 571 (Correction)**
- Clinton, Davenport & Muscatine: Joint Motor-Rail-Motor Rates Found Justified, 36, 294, 802**
- Coach, Double-Deck, on German Railroad, 241***
- Coach, Light-Weight, Tested by Santa Fe, 885***
- Coaches Modernized by P. R. R., 367***
- Coal, Corrosion of Steel Cars by, 780***
- Coal Dumpers at Presque Isle: C. & O., 554***
- "Cockeyed" Tax Legislation and the Railway Industry, 333†
- Collection and Delivery of Passengers, 189, 449***
- Collection and Delivery (See Store-Door Service)**
- Colorado & Southern: Abandonment of 170 Miles Authorized, 649**
- Colorado Fuel & Iron Corporation Formed, 130**
- Colorado Motor Vehicle License Act Held Constitutional, 260**
- Columbia Terminals Operations, 285***
- Commissary Supplies; Co-ordinator's Report, 22**
- Commissary Supplies Used by Railroads, 569**
- Communication Officers Report Progress, 259, 559**
- Communication on the U. P. Streamliners, 273***
- Communication System, Train; U. S. & S. Co., 836***
- Commutation Fares (See Passenger Fares)**
- Commuters Grievance on Supplemental Fares Settled with P. R. R., 190, 490**
- Competition:**
 Business Responsible for Government Ownership Trend, 777†
- Moulton, Dr. Harold G., on, 719
- Price; F. J. Lismore, on, 207
- Woodlock, T. F., on, 751

RAILWAY AGE—Index

Concrete, A.S.T.M. Report on, 75
 Concrete Lining in Tunnel, Reinforced, 243*
 Concrete Placer Car; P. R. R., 244*
 Condensing Locomotive, Steam Turbo-Electric, Ordered by U. P., 178
 Condensing Locomotives, Report on, 448
 Consolidated Guide Corporation, 87
 Consolidations:
 Anti-Consolidation Associated Formed, 126
 Greyhound Lines, Merger of, 769, 801, 955
 Construction Costs Fifty Years Ago, 881†
 Construction Indices for 1935, Railroad, 146
 Construction, New: (See also Railway Construction at End of Index)
 C. N. R. Line to Rouyn, 494, 532, 772
 C. of Ga. Pier Shed Constructed with Frame of Scrap Rails, 907*
 C. & O. Coal Dumper at Presque Isle, 554*
 C. B. & Q. Line Relocation in Iowa, 756*
 C. R. I. & G. Rigid-Frame Subway, 271*
 Concrete Lining in Tunnel, Reinforced, 243*
 F. E. C. All-Welded Bridges, 100*
 M. P. Low-Level Bridge Across the Nueces, 172*
 N. Y. C. Grade Separations at Syracuse, 504*
 Ohio Flood-Control Line Revisions, 345*
 Staten Island Rapid Transit Grade Crossing Project, 857*
 Wabash Bridge at St. Charles, 821*

Containers:
 Cederstrom, Demonstration of, 455*
 P. & S. Division Report on, 118*
 Refrigerator Container Being Developed, 461
 Type Developed by G. R. Meyercord and Others, 155*

Cooper-Bessemer Engines in New Haven Diesel-Electric Switchers, 615*

Co-ordinated Rail-Highway Service:
 Auto-Railer on Arlington & Fairfax, 951*
 Auto-Railer on the C. A. & S., 453*
 B. & O. Train Connection Service, 287*
 Cederstrom Freight Handling Device, 455*
 Container, A New Type of, 155*
 Express Operations at New York, 948*
 Keeshin-C. G. W., 36, 85, 292*; C. N. S. & M., 571, 601*
 New Zealand, 152*
 P. R. R. Operations, 597*
 Speed and Efficiency in Handling Merchandise, 177*, 211*
 T. & P. Wins Back Merchandise Traffic, 153*

Co-ordinated Transport, Dr. H. G. Moulton on, 719

Co-ordination of Facilities:
 A.A.R. Studies, Progress of, 23, 158, 732
 N. Y. N. H. & H. Bus and Truck Subsidiaries, 150*, 290
 Projects in Effect, 733

Co-ordination of Transportation in New England Proposed, 259

Copper Range Reorganization Plan, 925

Corporate Individualism: Opportunity for Far-Sighted Leadership, 501†

Corrosion of Steel Cars by Coal, 780*

Corrosion-Resisting Materials, A.A.R. Electrical Section Report on, 679

Cor-Ten Steel: Corrosion of Steel Cars by Coal, 780*

Cosby Transfer, W. G.: Denied Motor Carrier Certificate, 806

Cost of Government in 1936, 170

Costs:
 Air-Conditioning Railroad Cars, 677
 Ballast Cleaning, 485
 Carrying Passengers in Sleeping Cars, 872
 Construction Costs Fifty Years Ago, 881†
 Construction Indices for 1935, Railroad, 146
 Fort Peck Dam, 622*
 Labor Costs Per Unit of Traffic, 252
 Light-Weight Trains, 274, 353 (Correction)
 Operating; High-Speed Trains, Report on, 763
 Operating; Light-Weight and Conventional Trains Compared, 274, 353 (Correction)
 Repair; Light-Weight Trains, 277, 353
 Scrap Preparation, 113

Cotton Rate Reduction from Texas Authorized, 161

Court Decisions (See Legal Decisions)

Crossing Gates, Automatic, on C. & N. W., 470*

Crossing Gates, Automatic, on the L. & N., 182*

Crossing Signals (See Signals)

Crossings, Highway Grade:
 Accidents (See Accidents)
 Federal Program, Status of, 190, 293, 370*, 532, 607, 770
 N. Y. C. Eliminations at Syracuse, 504*
 Number on January 1, 1936, 531
 Protection; Status of Federal Work, 190, 370*
 Public Relations Factor, A, 547†
 P.W.A. Grants for Elimination in N. J., 426
 Staten Island Rapid Transit Project, 857*

Crossings, Manganese, Reclamation of, 114

Crossties (See Ties)

Cummins Diesel Engine Installed in Gasoline Rail Car, 919*

Cylinder Cock, T-Z, Steam Operated, 254

D

De La Vergne Diesel Engine for Baldwin Switcher, 746*

Delaware & Hudson:
 Printing Plant, 248*
 "Railroad Wonder Trip," 295, 443*, 469†
 Stores Buildings and Steel Equipment, 246*

Delaware, Lackawanna & Western:
 Crossing Signal Changes Ordered in N. Y., 192
 Detectors, Dragging Equipment, 725*
 Freight Forwarding Investigation, 593
 Labor Day Traffic, 386
 Locomotive, Remodeled Streamlined, 496*
 Passenger Business Increases, 82
 Ry. & Locomotive Historical Society Trip, 159*

Denver & Rio Grande Western:
 Lang Transportation Company Rates, Complaint Against, 605
 Narrow-Gage Train Taken Off, 427
 R.F.C. Report on Betterment Program, 88
 Reorganization Plan Filed, 195

Depreciation Rates for Streamlined Trains, 571
 Detectors, Dragging Equipment, 725*
 Diesel-Electric Locomotives (See Locomotives)
 Diesel-Electric Mail-Baggage Car; S. A. L., 409*
 Diesel Engine Installed in Gasoline Rail Car, 919*
 Diesels, Dr. Rudolph, Honored, 887
 Dining Car Facilities of Railroads, 569
 Dining Car Supplies; Co-ordinator's Report, 22
 Discipline, Proper, Report on, 281
 Dismantling of Equipment on P. R. R., 911*
 Dodge & Co., H. B.: Metlave Blind for Passenger Cars, 245*

Double-Deck Coach on German Railroad, 241*
 Dragging Equipment Detectors, 725*
 Drainage System on C. B. & Q. in Iowa, 757*
 Dramatizing the Railroads, 99†, 107*
 "Dream Coach," White, 451*
 Drought Relief Rates, 41, 190, 221, 293, 294, 327, 355, 388
 Duplex Bedroom Car, Pullman Two-Unit, 260, 340*
 Durable Goods Industries:
 Dunn, S. O., on, 817
 Significance of Facts About Freight Loading, 930†
 Significant Facts About Car Loadings, 269†

E

Earnings in June, 201†; July, 335†; Seven Months, 361†; August, 547†
 Earnings, Penalizing Investment of, 333†
 Eastern and Southwestern Rate Divisions, 158
 Eastern Car Foreman's Assoc. Outing, 83, 188
 Eastern Presidents' Conference:
 Committee Appointed to Continue Co-ordination Studies, 158, 461
 Meeting, 461
 Eastern Roads Passenger Revenues, Effect of Fare Reduction on, 82, 128, 161, 237†, 259, 294, 425, 533, 547†, 569
 Eastern Roads Store-Door Service Investigation (See Store-Door Service)
 Eastern Time for Chicago Denied, 311
 Economic Research and Transportation, 381
 Economic System: Opportunity for Far-Sighted Leadership, 501†
 Economics and Government, N.A.M. Educational Program on, 573
 Economics of Scarcity, The Railroads, the Drouth and the, 97†
 Efficiency, Railroad, Means Used to Boost, 863
 Election, The, 652†
 Election and Big Business, The, 743†
 Electric Energy, Purchase of, 680
 Electric Heating; Electrical Section Report, 676
 Electric Welding; A.R.E.E. Report on, 676
 Electrical Power Requirements on Trains Increased, 386
 Electrification:
 Federal Power Commission's Report on, 143
 Southern of England Plans to Continue, 880
 Storekeeping for, Lessons from, 410*
 Electro-Motive Corporation:
 C. B. & Q. Denver Zephyr Locomotives, 669*;
 Twin Zephyr Locomotives, 931*
 S. A. L. Mail-Baggage Car, 409*
 Shop to be Extended, 696
 Elgin, Joliet & Eastern: Visible Records for Store-keeping, 343*

Embargoes on Port Traffic, 733
 Employees: (See also Personnel; also Labor)
 Canadian Roads Employ Relief Workers, 128, 714*
 Discipline, Proper, Report on, 281
 Education and Training of, 279
 Inflation and Railway Employees, 200†
 Motor Carrier (See Motor Carrier)
 Number in July, 259; August, 427; September, 529; October, 733; November, 882
 Number in Western States in 1935, 160
 Pensions (See Pensions; also Railroad Retirement Act)
 Public Relations Work and the State Governments, 267†
 Safety Clubs on the Missouri Pacific, 77
 Signal Foremen Classified as, 325
 Strikes (See Strikes)
 Train and Engine Service Jobs, Value of, 651†
 Training (See Training)
 Wages:

 Canada, Restoration of Reduction Sought in, 426, 459, 645, 771, 842
 Federal Barge Lines, Increase on, 425, 768
 Labor Conditions in Bus Transport, 519, 945
 Labor Conditions in Trucking, 829, 945
 Low Wages and Long Hours in Railroad Industry, 833
 Present Wage Scales, 48†

Employees:—(Continued)

Wages:—(Continued)
 Railway and Manufacturing Industries, 48†
 Taxes and, 170†
 Train and Engine Service, 651†
 Train and Engine Service, Co-ordinator's Report on, 135†
 Train and Engine Service Employees to Ask Increase, 898†
 Western States in 1935, 160

Employment:

Railway, How Increase, 707†

Why Re-Employment Lags, 303

Engineering Foundation: Officers Elected, 734
 Engineers, Railway Construction, China Inquiring for, 41

Equipment:

C. M. St. P. & P. Hiawatha Cars, 492, 548*
 Freight Car Situation, 545†
 Installations, 193, 427, 461, 646, 884
 Meeting Tomorrow's Speed Requirements, 440
 Modernization of P. R. R. Coaches, 367*
 On Order, 192, 427, 461, 646, 884
 Orders in June and First Six Months, 3†, 16, 43; July, 201†, 224; August, 335†, 351; September, 503†, 534; October, 654†, 695; November, 815†, 845

Scrap Dismantling and Cutting Equipment, 113
 Work Equipment, Use of, Report on, 485

Equipment Dismantling Program; P. R. R., 911*
 Equipment Money, Bargain Rates for, 171†
 Equipment Program Launched by S. P., 888

Era, New, in Railroading, 732

Erie:
 Ohio Flood-Control Line Revision, 345*
 Trip to Susquehanna Shops, 458

Escanaba, Iron Mountain & Western: Pooling of Ore Traffic, 885

Essay Contest Papers, P. & S. Division, 120*, 563*
 Essay Contest Sponsored by Long Island, 887

Essentials of the Service of Supply, 753*

Evans Auto-Railer on the C. A. & S., 453*

Excursions:
 Bicycle Trains, 489, 644

C. of N. J. Gives Lecture on Trip, 731
 L. V. Sayre Shops Trip, 460, 643*

Means of Winning Public Favor, 469†
 N. Y. C. and D. & H., 295, 443*, 469†

P. R. R. "Off-the-Beaten-Track," 295, 325*, 427, 463, 469†, 492*, 516*, 530 ("Autumn-Leaf"), 571, 644

Reading "Rail Ramble," 461, 572

Snow Trains Planned, 771, 885, 923

Exhibit List for N.R.A.A. Exhibit, 734

Exhibit of Bridge & Building Supply Men, 646

Exhibit of Track Supply Association, 463

Exhibit Planned by Railway Supply Manufacturers Association in 1937, 110, 580†, 689, 840

Express Operations at New York, 948*

Express Traffic, Increase in, 883

F

Farm Income Increase Paralleled by Increased Freight Shipments, 570

Fast Trains (See Speed of Trains)

Federal Barge Line, Strike on, 425

Federal Barge Line, Wages Increased on, 768

Federal Communications Comm.: N. Y. N. H. & H.

Telegraph Contract to be Investigated, 488

Federal Co-ordinator of Transportation:

Dining Car Supplies, Report on, 22

Funds to Complete Reports Supplied by Railroads, 418

General Order No. 1 Set Aside by I.C.C., 157

Labor Conditions in Bus Transport, 519, 945

Labor Conditions in Domestic Water Transportation, 492

Labor Conditions in Intercity Motor Transport, 945

Labor Conditions in Trucking, 829, 945

Low Wages and Long Hours in the Railroad Industry, 833

Purchases & Stores Div., Activities with, 112

Studies to be Continued by A.A.R., 23

Train and Engine Wage Basis, Report on, 135†

Unexpended Funds May Not Be Used By, 148

Federal Power Commission: Use of Electric Power in Transportation, 143

Feedwater Heating, Symposium on, 866*

Film on Courtesy Shown to I. C. Employees, 571

Financial Policies, Management and, 751

Financing:

Bargain Rates for Equipment Money, 171†
 Railroad, Senate Investigation of, 529, 843, 875, 899†, 915, 939

Van Sweringen Case, The, 899†

Fire in Roundhouse on C. R. I. & P., 87

Fire Losses in 1935, 637

Fire Prevention, P. & S. Div. Report on, 118

Fire Protection Assoc.: Meeting, 530, 637

Fish by Carload, Live; P. R. R., 223

Fish, Reduced Rates Suspended on, 571

Fitzpatrick, Herbert, Appointed President of Mid-American Corporation, 873*

Fletcher, R. V.:

For Simpler Regulation, 236†

Restrictive Legislation, Rates, Wages and Taxation, 750

Florida, Heavy Travel Expected to, 605, 645

Florida East Coast:
 Bridges, All-Welded, 100*

Kew West Extension Abandoned, 297, 497

Public to Select Whistle Tone, 571

Winter Trains to be Launched Earlier, 645

GENERAL INDEX—Continued

[Illustrated articles are indicated thus*; Editorials thus†; Letters to Editor thus‡]

Florida Ship Canal Found Justified, 769, 959
 Flower Show, Railway, 38, 425
 Fonda, Johnstown & Gloversville: Fonda-Scotia Bus Line Extended, 826
 Football Traffic Handled by Railroads, 690
 Forest Products, P. & S. Division Report on, 115
 Fort Peck Dam and Navigation, 622*
 Fort Worth & Denver City: R.F.C. Loan, 131, 262
 Fourth Section Relief Decisions, 354, 490, 689 (Citrus Rates), 692
 Fourth Section (See also Long-and-Short Haul)
 France; English Channel Car Ferry Service, 626*
 Franklin Institute Railroad Exhibit, 186‡
 Free Transportation:
 I.C.C. Continues Study of, 571
 I.C.C. Finds Motor Carriers Giving, 126, 156
 I.C.C. Report on Railroads, 217
 Freight Car Loading:
 Accelerating Traffic Gains, 779†
 Average Load Per Car in 1935, 260
 Freight Car Situation, 545†
 Relationship Between Traffic Demands and Cars Needed, 545†
 Shippers' Estimates, 84, 129, 426, 491, 530, 553, 924
 Significance of Facts About, 930†
 Significant Facts About, 269†
 Some Surprising Facts About Recovery, 235*†
 Trend Since 1929, 136*†, 235*†, 269†
 Weekly Reports, 32, 66*, 123, 140, 174, 213*, 240, 284, 309, 342*, 369, 408, 444, 478*, 513, 558, 585, 632, 682*, 713, 765, 794, 835*, 862, 910, 940
 Freight Car Shortage:
 A.A.R. Says No Shortage of Any Consequence, 605
 Automotive Traffic Men Show Concern Over Car Supply, 644
 Coal Association Predicts Possible, 459
 Mid-West Territory Reports, 553
 Freight Car Situation, J. M. Symes on, 129
 Freight Car Situation, The, 545†
 Freight Forwarders, How Efficient Are, 653†
 Freight Forwarding Investigation, I.C.C., 190, 426, 561, 591, 629, 653†, 824, 878
 Freight Handling:
 Drum Shipped in Depressed Flat Car, 839
 Handling Caskets, 766*‡
 Shipment of Fire Trucks to New York, 424*
 Wheat Crop Moved without Car Shortage, 192
 Freight Rates (See Rates, Freight)
 Freight Service:
 A. T. & S. F. Advertising Campaign, 960
 C. I. & L. New Fast Merchandise Train, 260
 I. C. Establishes Save-a-Day Service, 530
 Liaman, F. J., on, 207
 Speed and Efficiency in Handling Merchandise, 217*, 211*
 T. & P. Wins Back Merchandise Traffic, 153*
 Freight Traffic: (See also L.C.L. Traffic)
 Accelerating Traffic Gains, 779†
 Embargoes on Port Traffic, 733
 Farm Income Increase Paralleled by Increased Freight Shipments, 570
 Literary Digest Poll on, 531
 N. Y. C. Large Wine Shipment, 585
 N. Y. Union Inland Station Increases, 259
 Raisins, Largest Shipment of, 426
 Frogs, Manganese, Reclamation of, 114*
 Fruits, Analysis of Damage Claims on, 253
 Fuel Consumption, Increased Efficiency in, 192
 Fuel Costs for Light-Weight Trains, 277, 353
 Fuel Economy, Proposed, New Statistical Index for Measure of, 447
 Future of the Railroads:
 Factors Affecting, 808
 Harriman, W. A., on, 732
 Leaders Optimistic on Outlook for, 871
 Pelley, J. J., on, 570

G

Gasoline Rail Car, First, 256‡
 Gates, Automatic Crossing, on C. & N. W., 470*
 Gates, Automatic Crossing, on the L. & N., 182*
 General American Transportation Corporation: Steel Refrigerator Adopted as Standard, 122*
 General Electric Company:
 I. C. Diesel-Electric Switcher, 304*
 N. Y. C. Interlocking at Syracuse, 904*
 N. Y. N. H. & H. Diesel-Electric Switchers, 615*
 Track Tests of Electric Locomotives, 374*, 412*
 U. P. Steam Turbine Electric Locomotive, 178
 General Railway Signal Company: N. Y. C. Interlocking at Syracuse, 904*
 George Westinghouse Bridge, Panels for, 129*
 Government, Cost of, 170
 Government Expenditures, Huge, Who Pays, 169†
 Government Ownership:
 Business Responsible for Trend to, 777†
 Moulton, Dr. Harold G., on, 721
 R. B. A. Resolutions Opposing, 260, 325
 Shippers Fostering, 846
 Transportation Conference Sees Roads at Junction Point When Congress Convenes, 884

Government Ownership Bill, Senator Wheeler May Not Reintroduce, 842
 Governmental Policies and Inflation, 199†
 Governments, State, Public Relations Work and the, 267†
 Grade Crossings (See Crossings, Highway Grade)
 Grading with Mechanized Equipment; C. B. & Q., 756*
 Grain Export, Hudson Bay Route Failure for, 883
 Grain Rates in Iowa, New Instratate, 353
 Grain Shipping Decision, Oregon, 810
 Grand Trunk Western: Joint Operation with P. R. R. Authorized, 889
 Gray, Carl, Golden Wedding Tribute to, 874*
 Great Britain:
 Passenger Movement, Remarkable, 298
 Railway Saleswoman, First, 688
 Trains Accelerated, 127
 Great Lakes Exposition:
 Parade of the Years, 40
 Ry. Business Women's Association Day, 132
 Westinghouse Golden Jubilee Day, 159
 Great Northern:
 Improvement Program, 845
 Motor Truck Certificate Granted, 649
 Pooling of Passenger Trains, 325
 Storekeeping for Electrification, 410*
 Train Time Shortened, 733
 Weyerhaeuser Sales Company Convention, 938
 Great Western of Great Britain:
 Evening Study Courses Offered, 733
 Railway Saleswoman, First, 688
 Trains Speeded Up, 127
 Greyhound Lines, Merger of, 769, 801, 955
 Gum Wood Make Good Ties, Does, 202*

H

Haskelite Co.: New Type of Container, 155*
 Hiawatha Equipment, New; C. M. St. P. & P., 492, 548*
 High Speed Trains:
 Bridge Maintenance for, 636
 C. P. R. Light-Weight Cars, 709*
 German Road Installs Unique Train, 241*
 Is Safety Adequately Considered?, 185
 Meeting Tomorrow's Requirements for, 440
 Operating and Signaling Aspects of, 63*
 Operating Results, Report on, 763
 Signaling for, 64, 791*
 Speed Limitations on Curves, 64
 Track Maintenance for, 439
 Track Preparation of, 63*
 Highway Department Organized by Santa Fe, 125
 Highway Service, Railroads Authorized to Substitute, 223, 842
 Highway Trailers on Flat Cars: C. G. W. Tariffs Approved, 36, 85, 292*, 353
 Highway Transport, Railroad Investment in, 728, 799
 Highway Uses, Amounts Received by States for, 771
 Hills, T., Jr.: Journeys by Rail, 49
 Hospital Department of I. C. 25 Years Old, 160
 Hours of Service for Motor Vehicle Drivers: Federal Co-ordinator's Report on, 519, 830, 945
 I.C.C. to Investigate, 221, 326, 529, 604, 805
 New York State Law, 885
 Hudson & Manhattan Subject to Railway Labor Act, 190, 296 (Suit Filed), 326
 Hudson Bay Rail Route Failure for Grain Export, 883
 Hudson River Upper Ports, Report on, 733

I

Illinois Central:
 Bicycle Train Well Patronized, 644
 Courtesy Film Shown to Employees, 572
 Employee Training Program, 518
 Fares Reduced, Suburban, 388
 "Green Diamond" Depreciation, 571; Traffic, 764
 Hospital Department 25 Years Old, 160
 Interline Accounting Disputes, Settlement of, 70
 Locomotive, Largest Single-Unit Diesel, 304*
 Locomotives Equipped for Fire-Fighting, 734
 Means Used to Boost Efficiency, 863
 Radio Advertising, 733
 R.F.C. Loan Applied for, 812
 Save-a-Day Freight Service Established, 530
 Illinois Manufacturers Cost Association: Why Business Opinion is Impotent, 655
 Illinois-Minnesota Motor Carriers Conference: C. G. W. Trucks-on-Flat Car Tariff Approved, 36, 85, 292*, 353
 Illinois, Oil Lanterns Not Allowed in, 958
 Illinois Railroad Tax Assessments Reduced, 294
 Improvement Program Proposed for D. & R. G. W., 88; U. P. and W. P., 695; G. N. and St. L. S. F., 845, 961
 Income Derived from Transport, 770

Income: Fairer Division of Income Must Not Go so Far as to Destroy Income Source, 899
 Income Taxes and Accounting, Railroad, 71
 Income (See also Net Income; also National Income; also Net Deficit)
 Indexes to Volume 100, 171†
 Indiana Harbor Belt: Store-Door Service, 190
 Industrial Mobilization Plan and the Railroads, 921
 Industrial Traffic Managers Present Transportation Needs, 474
 Industries' Interest in Railroads, 749, 777†
 Inflation, 199†
 Ingersoll-Rand Company: Engines in New Haven Diesel-Electric Switchers, 615*
 Injectors; Symposium on Feedwater Heating, 866*
 Inland Station at N. Y.; Increase in Traffic, 259
 Inland Navigation Co. Granted Certificate, 492
 Inland Waterways Corp.: Operating Results, 959
 Insurance Requirements for Motor Carriers, 293, 732, 760, 806, 923
 Interline Accounting (See Accounting)
 Interlocking at Syracuse; N. Y. C., 904*
 International Harvester Company:
 "I Drive Safely" Booklet, 157
 Truck for New Type of Container, 155*
 International Railway Fuel Association:
 Merged with Traveling Engineers Assoc., 447
 Statistical Index for Measure of Fuel Economy Proposed, New, 447
 Steam Turbine and Condensing Locomotives, 448
 International Railway General Foremen's Association: Annual Meeting, 491
 International Railways of Central America, Operations on the, 943*
 Interstate Commerce Commission:
 Accident Reports, Special, Continued, 734
 Accident Statistics: April, 192; May, 326; June, 462; July, 645; August, 810; September, 924
 Bureau of Safety: Report on Brakes on Baggage Cars, 884
 Bureau of Statistics:
 Accident Statistics, 1922-1935, 486
 Collisions Between Motor Vehicles and Trains, First Six Months, 1936, 735
 Labor Costs Per Unit of Traffic, 252
 Light-Weight Passenger Train Study, 274, 353 (Correction)
 Passes, Report on, 217
 Perishables, Damage Claims on, 253
 Railroad Investment in Highway Transport, 728, 799
 Sleeping Car Services, Survey of, 309
 Bureau of Valuation: Railroad Construction Indices for 1935, 146
 Car Spotting Order in Pittsburgh Vicinity Enjoined, 607
 Car Spotting Order Injunction, Suit Filed to Dismiss, 425
 Car Spotting Order Upheld in Milwaukee, 769
 Central Vermont Subsidiary Authorized, 644
 C. G. W. Joint Motor-Rail-Motor Rates Found Justified, 36, 294, 802
 C. G. W. Trucks-on-Flat Car Tariff Approved, 36, 85, 292*, 353
 C. N. S. & M. Exempt from Labor Act, 768
 C. R. I. & P. to Operate Over M. & St. L., 732
 Chicago-Twin Cities Low Rates; Suspension Vacated, 85, 353
 Citrus Rate Reductions Continued, 689
 C. & S. Authorized to Abandon 170 Miles, 649
 Cotton Rate Reduction from Texas Authorized, 161
 Depreciation Rates for Streamlined Trains, 571
 Drought Relief Rates, 41, 294, 327
 Eastern Store-Door Service Case, 29, 83, 188, 221, 325, 456, 671 (Service Approved), 731, 768, 806, 884, 959
 Eastern Time for Chicago Denied, 311
 Emergency Charges (See Rates: Freight)
 Federal Co-ordinator's General Order No. 1 Set Aside By, 157
 Fish, Reduced Rates Suspended on, 571
 Fourth Section Rates Applicable to Mexico, 692
 Fourth Section Relief Decisions, 354, 490, 689, 692
 Free Transportation Study Continued, 571
 Freight Forwarding Investigation, 190, 426, 561, 591, 629, 653†, 824, 878
 Hall, Henry Clay, Death of, 731
 Highway Service, Railroads Authorized to Substitute, 223, 842
 H. & M. Subject to Labor Act, 190, 296
 Inland Navigation Co. Granted Certificate, 492
 Iron and Steel Rate Reduction Suspended, 606
 Keechin Transcontinental Freight Lines, Companies Controlled By, 603*
 List, M. C., Death of, 959
 Locomotive Inspector Wanted, 83
 M. & St. L. Dismemberment, Hearings on, 44, 88, 131, 162, 195, 226
 Motor Vehicle Regulation:
 Action on Certificates and Permits, 491, 572, 602, 644, 649, 690, 806, 886, 889, 962
 Bureau of Motor Carriers:
 Activity Increased, 156
 Free Transportation, Motor Carriers Warned on, 126, 156

Interstate Commerce Commission:—(Continued)

Motor Vehicle Regulation:—(Continued)

Bureau of Motor Carriers:—(Continued)

Motor Carrier Act Violations Taken to Court, 770

Offices Opened, 156, 222, 259, 294

Rulings Issued by, 327, 604

Safety Rules for Motor Carriers Proposed, 83, 223, 326, 459, 760

Carriers Warned Against Undue Extension of Credit, 258

Credit Period for Truck Charges, 128, 530

Filing of Contracts by Contract Carriers Postponed, 387, 733

Greyhound Lines, Merger of, 769, 801, 955

Hours of Service of Motor Carrier Employees to be Investigated, 221, 326, 529, 604, 805

Insurance Requirements for Carriers, 293, 732, 806, 923

Keeshin Control of National Freight Lines Authorized, 924

Keeshin Unification; Approval Recommended, 188, 923

Lang Transportation Company Rates, Complaint Against, 605

Minimum Truck Charges Asked, 884

Motor Truck Merger, Large, Proposed, 733

Pan-American Bus Lines Granted Certificate, 768

P. R. R. to Acquire Motor Truck Lines Directly, 45, 132, 565, 602, 882

Pennsylvania Truck Lines, Inc., Acquisition of Barker Motor Freight Denied, 45, 132, 565, 602, 882 (P. R. R. to Acquire)

Pennsylvania Truck Lines, Inc., Certificate and Permit Recommended for, 481

Pennsylvania Truck Lines, Inc.: Denial of Acquisition of Alko Express Lines Recommended, 536, 565, 773, 806

Qualifications of Employees to be Investigated, 326, 459

Ry. Express Agency Seeks Certificates, 571

Santa Fe Trails Stages, Inc.: Acquisition of Lines Authorized, 697, 801

Truckers Required to Issue Expense Bills, 840

Trucking by Mercantile or Manufacturing Establishments, 886

Union Transfer Company Acquisition, 40, 126, 698, 806

Zones Proposed for Exemptions Under Motor Carrier Act, 85, 259, 327, 353, 451*, 959

Naval Stores Rates Investigation, 650

N. Y. N. H. & H. Authorized to Abandon Automatic Train Stops, 258, 647

N. Y. N. H. & H. Investigation, 571, 610, 841

N. Y. W. & B. Subject to Labor Act, 326

North Carolina Surcharges, Investigation Ordered, of, 159

Oil, Trainload Rate Suspended on, 689

Oklahoma Ry. Subject to Labor Act, 258

Passenger Tariffs, Time for Filing Extended, 841

P. R. R.-G. T. W. Joint Operation Authorized, 889

Per Diem Plan Attacked by P. H. & D., 644

Petroleum Rates to Be Investigated, 606

Pipe Line Companies Valued by, 887

Pooling of Ore Traffic, 885

Pooling of Passenger Trains in West; Change in Approved, 325

Power Reverse Gear Case, 125

Railroads Seek to Make Emergency Charges Permanent, 189, 222

Railway Practices Investigation (See Railway Practices Investigation)

Rate Divisions Between Eastern and Southwestern Lines Prescribed, 158, 459

Rate Policies, Does New Deal Dictate, 580†

Rate Structure, A.A.R. Proposes Changes in, 528, 605, 621, 734, 785

Refrigeration Service Charges Prescribed, 104

Refrigerator Car Mileage Allowance; Reduction Not Justified, 489

Rice Rates Found Generally Reasonable, 842

Safety, The I.C.C. and, 523

St. L. I. M. & S. Trustees' Fees, 944

Signal Foremen Classified as Employees, 325

Southern Class Rate Investigation Asked, 531, 691, 810

Stock Yard Tariff Suspended, 426

Stoker Hearings Resumed, 458

Terms of Commissioners Eastman and Tate Expire, 959

Warehousing Practices at N. Y. Condemned, 31, 353, 605 (Case Reopened)

Inventories:

Dining Car Supplies; Co-ordinator's Report, 22

First Five Months, 1936, 19

Inventory, P. & S. Division Report on, 117*

Investors' Interest in Railroads, 751

Investors, Management's Obligation to, 517

Iowa Intrastate Grain Rates, 353

Iaq: Budd Stainless Steel Motor Coaches for, 455

Iron and Steel Rate Reduction Suspended, 606

Italian Railroads, Streamlined Electric Train for, 293

J

Japanese Government Rys.: New Representative at New York, 882

Jenks, W. J., Elected President of N. & W., 639*

John Fritz Medal Awarded to A. N. Talbot, 811

Jordan, Virgil: Industries' Interest in Railroads, 749, 777†

Journal Box Packing, Reclamation of, 115

Journeys by Rail, 49

K

Kalamazoo Railcarbus, 773*

Kansas City Southern: Pre-Employment Training Plan, 564

Kansas City Ticket Offices Moved, 809*

Keeshin Motor Express Company, Inc.: Approval as Operating Company Sought, 326

C.G.W. Trucks-on-Flat Car Tariff Approved, 36, 85, 292*, 353

Joint Motor-Rail-Motor Rates Found Justified, 36, 294, 802

Lease of Other Companies Proposed, 188, 923

Rail-Truck Service with C. N. S. & M., 571, 601*

Keeshin Transcontinental Freight Lines, Inc.: Acquisition of Seaboard Freight Lines Proposed, 126, 567

Companies Controlled By, 603*

Control of National Freight Lines Authorized, 924

L

L.C.L. Traffic:

- Columbia Terminals Operations, 285*
- P. R. R. Coordinated Service Attracts, 597*
- Refrigerator Container Being Developed, 461
- Speed and Efficiency in Handling, 177*, 211*
- T. & P. Wins Back, 153*

Labor Conditions:

- Bus Transport, 519, 945
- Intercity Motor Transport, 945
- Railroad Industry, 833
- Trucking Industry, 829, 945
- Water Transportation, 492

Labor Costs Per Unit of Traffic, 252

Labor Legislation Threatens Job Curtailment, 816

Labor, Management's Obligation to, 517

Labor Relations in Motor Transport Industry, 947

Lamont, Thomas W., on the Railway Situation, 779

Lanterns, Oil, Not Allowed in Illinois, 958

Leadership, Loyalty and; C. E. Johnston on, 634

Legal Decisions:

- Car Spotting Order in Pittsburgh Vicinity Enjoined, 607
- Car Spotting Order Upheld in Milwaukee, 769
- Colorado Motor Vehicle License Act, 260
- Eastman May Not Use Unexpended Funds, 148
- Injunctions Against Eastern Store-Door Tariffs Denied, 731, 768, 806
- Long Island New York City Fares, 85, 128, 770
- Multiple Car Rates in Michigan, 179
- New Jersey Tax Case, 960
- N. Y. C. Wins Damages from Truck, 84
- Oregon Grain Shipping Decision, 810
- Pension Tax Act Enjoined, 33
- Purchasing Policy of Bankrupt Railroads, 959
- St. Louis Car Co.: Suit Dismissed, 696
- Washington Motor Transport Act Upheld, 354

Legislation to be Introduced in Congress, 960

Legislative Effectiveness, Startling Contrasts Shown in, 929†

Lehigh Valley:

- Crossing Signal Changes Ordered in N. Y., 192
- Excursion to Sayre Shops, 460, 643*
- Freight Forwarding Investigation, 629
- R.F.C. Loan Repayment, 697
- Snow Trains to be Operated By, 885

Light-Weight Trains (See Streamlined Trains)

Lighting:

- C. B. & Q. Denver Zephyrs, 667*
- Electrical Engineers Report on, 675*
- N. Y. C. Mercury, 59*
- U. P. City of Denver, 10*

Linker-Hoffmann-Werke Co.: Double-Deck Coach, 241*

Literary Digest Poll on Railroads, 531

Livestock, Drought Relief Rates on, 41, 294, 327, 355, 388

Load Per Car Increases, Average, 260

Loans (See Reconstruction Finance Corporation; also Public Works Administration; also Railroad Credit Corporation)

Lobdell Car Wheel Co.; Centenary of, 295

Locomotive Boilers (See Boilers)

Locomotive Crews, Two-Man, Sought by Brotherhood of Locomotive Firemen & Enginemen, 353

Locomotive Electrical Equipment, Report on, 681

Locomotive Feedwater Heating Symposium, 866*

Locomotive Inspection, Examination for, 83

Locomotive Shipments, 459, 958

Locomotive Testing, L. H. Fry on, 729

Locomotive Whistle, F. E. C. Asks Public to Select, 571

Locomotive Whistle, The, 324

Locomotives: (See also Streamlined Locomotives)

B. & M. Order for, 573

C. N. R. 4-8-4 Type Streamline, 175*

C. P. R. 4-4-4 Jubilee Type, 171*, 189, 479*

Diesel-Electric:

Baldwin Switcher, No. 62,000, 746*

C. B. & Q. Denver Zephyr Units, 669*

Twin Zephyr Units, 931*

Locomotives:—(Continued)

Diesel-Electric:—(Continued)

First Locomotive in This Country, 256*

Illinois Central; Largest Single-Unit, 304*

N. Y. N. H. & H. Switchers, 615*

Electric:

P. R. R.; J. V. B. Duer on, 492

Track Tests of, 374*, 412*

U. P. to Build First Steam Turbine, 178

German Locomotive with Remote Control, 241*

I. C. Equipped for Fire-Fighting, 734

L. & N. E. 2-6-2 and 2-8-2 Types, 221, 514*

N. Y. C. 4-6-2 Type for "The Mercury," 62*

N. & W. 2-6-6-4 Type, 435*

N. & W. Builds Model, 257

Norris, Information Wanted About, 838‡

Turbine and Condensing, Report on, 448

Union Pacific 4-6-6-4 Type, 900*

Union R. R. 0-10-2 (Union) Type, 105*, 570

London & North Eastern:

Camp Cars for Coronation Week, 957

House Transported Across England, 765

Locomotives, 2-6-2 and 2-8-2 Types, 221, 514*

"Silver Jubilee" Does 113 M.P.H., 353

"Speed-Enderance" Record Claimed for "Silver Jubilee," 259

Traffic for Grouse-Shooting Season, 351

Trains Speeded Up, 127

London, Midland & Scottish:

Evening Study Courses Offered, 733

Rail Motor Cars, Pneumatic-Tired, 193

"Royal Scot" Speeded Up, 369

Speed Record, Steam Locomotive, 886

Traffic for Grouse-Shooting Season, 351

Trains Speeded Up, 127

Long-and-Short-Haul Clause:

Fourth Section Relief Decisions, 354, 490, 689, 692

Repeal Favored by N.I.T.L., 777†, 796

Repeal of; J. J. Pellew on, 806

Repeal of, Railroads to Urge, 692

Long Island:

Commutation Rate Increase Disapproved, 161

Essay Contest Sponsored by, 887

Passenger Business, Increase in, 959

Passenger Train Service Increased, 427, 959

Two-Cent Coach Rate Ordered, 85, 128, 770

Loss and Damage (See Claims)

Louisiana & Arkansas:

Cotton Rates Reduced, 161

Strike Settled on, 459, 808

Louisiana & North West: Reorganization Plan, 297

Louisiana, Arkansas & Texas: Enginemen and Trainmen on Strike, 459

Louisiana Train-Limit Law Opposed, 224

Louisville & Nashville:

Cross Gates, Automatic, 182*

Freight Forwarding Investigation, 878

Lubricator, Rail, Used on the Clinchfield, 420*, 571 (Correction)

Lubricators, Rail Curve, Report on, 484

Luebeck-Buechen Ry.: Double-Deck Train, 241*

M

Mail-Baggage Car, S. A. L. Diesel-Electric, 409*

Maine Central, Selling Bus Service on the, 953*

Maine Central Transportation Company:

Certificate Recommended for, 221, 806

Selling Bus Service or, 953*

Maintenance of Bridges for High Speed Train Service, Report on, 636

Maintenance of Equipment:

Expenditures in 1935, 259

Means Used to Boost Efficiency, 864

N. Y. N. H. & H. Motor Vehicles, 290

Repair Costs of Light-Weight Trains, 277, 353

Maintenance of Railway Roofs, Report on, 634

Maintenance of Way:

Canadian Roads Employ Relief Workers, 128, 714*

Expenditures in 1935, 259

Maintaining Tracks for High Speeds, 439

Means Used to Boost Efficiency, 863

Personnel Organization, W. F. Thiehoff on, 441

Track Maintenance Has Kept Pace, 789*

Work Equipment, Use of, 485

Maintenance of Way Department, Safety in, 524

Maintenance of Way Employees (See Personnel)

Maintenance of Water Tanks, Report on, 683

Management and Financial Policies, 751

Management's Four-Fold Task, 517

Management's Responsibility for Safety Work, 521

Manganese Frogs and Crossings, Reclamation of, 114*

Master Boiler Makers' Association: Meeting, 458

Materials, Corrosion-Resisting, Electrical Section Report on, 679

Materials and Supplies:

Dining Car; Co-ordinator's Report on, 22

Essentials of the Service of Supply, 753*

Forecasting Requirements, Report on, 116

Guarantees, P. & S. Div. Report on, 121

Handling of, P. & S. Div. Report on, 121*

Inventories (See Inventories)

P. & P. U. Supply Work Operations, 317*

Pricing and Inventory, Report on, 117*

Purchases (See Purchases)

Purchasing in Standard Packages, 120*

Storekeeping for Electrification, 410*

Storekeeping, Visible Records for, 343*

Meals Served Annually in Dining Cars, Number of, 569

GENERAL INDEX—Continued

[Illustrated articles are indicated thus*; Editorials thus†; Letters to Editor thus‡]

- Mechanical Division Convention in 1937, 580†, 689, 840
 Mechanical Engineer in Railroading, The, 527‡
 Medal Awarded to C. N. Mathis, 190
 Medal Awarded to A. N. Talbot, John Fritz, 811
 Merchandise Traffic (See L.C.L. Traffic)
 Merchandising of Railway Service:
 Dramatizing the Railroads, 99†
 Lisman, F. J., on, 207
 St. L.-S. F. Modernizes Service, 421*
 "Mercury, The"; N. Y. C. Train, 50*
 Metals, Ferrous and Non-Ferrous, A. S. T. M. Report on, 74
 Metlvan Blinds for Passenger Cars, 245*
 Metropolitan Traffic Association of New York: Officers Elected, 606
 Traffic Course Giver By, 786, 923
 Mexico, Fourth Section Rates Applicable to, 692
 Michigan Lower Peninsula Included in Eastern Time Zone, 311
 Michigan, Multiple Car Rates in, 179
 Michigan Railroad Employees & Citizens League: Publicity Program, 387*
 Midamerica Corporation:
 Fitzpatrick, H., Appointed President, 873*
 Senate Finance Hearing on, 875, 899†
 Mid-West Shippers' Advisory Board, 129, 553
 Milwaukee, Rockford & Southwestern: R.F.C. Loan Denied, 162
 Minneapolis & St. Louis:
 C. R. I. & P. to Operate Over, 732
 I.C.C. Hearings on Dismemberment of, 44, 88, 131, 162, 195, 226
 Mississippi, Report on Transportation Lines on the, 572
 Missouri-Kansas-Texas:
 Booklet on History of Texas, 809
 Train Time Shortened, 692
 Trains, New, Added, 691
 Missouri Pacific:
 Bridge, Low-Level, Across the Nueces, 172*
 Employee Safety Clubs, 77
 Senate Financial Investigation of, 915, 939
 Missouri River: Fort Peck Dam and Navigation, 622*
 Missouri Southern: R.F.C. Loan Extension, 536
 Missouri State Anti-Consolidation Assoc., 126
 Model Locomotive Built by N. & W., 257
 Montreal Locomotive Works, Ltd.:
 C. N. R. 4-8-4 Type Streamline Locomotive, 175*
 C. P. R. 4-4-4 Type Locomotives, 171*, 189, 479*
 Motor Carrier Act, 1935:
 I. C. C. Finds Carriers Giving Free Transportation, 126, 156
 Nat. Assoc. of R. R. & Utilities Comm. on, 761
 N. I. T. L. Proposes Amendments to, 796
 N. I. T. L. Warns Members on Violations, 127
 Violators Taken to Court, 770
 "Wild-Cat" Ticket Selling Uneconomic, 289*
 Zones Proposed for Exemptions Under, 85, 259, 327, 353, 451*, 959
 Motor Carrier Employees:
 Hours of Service, Federal Co-ordinator's Report on, 519, 830, 945
 Hours of Service of, 385‡
 I. C. C. to Investigate Hours of Service of, 221, 326, 529, 604, 805
 I. C. C. to Investigate Qualifications of, 326, 459
 Labor Conditions of, 519, 629, 945
 N. Y. State Hours of Service Law, 885
 Qualifications for, Federal Co-ordinator's Report on, 946
 Motor Carrier Insurance, Nat. Assoc. of R. R. & Utilities Comm. Discuss, 760
 Motor Carrier Insurance Requirements, 293, 732, 806, 923
 Motor Carrier Joint Boards:
 Action on Certificates and Permits, 491, 602, 649, 690, 806, 886, 889, 962
 Contract-Carrier Permit Proposed for Scott Bros., Inc., 295
 Nat. Assoc. of R. R. & Utilities Comm. on, 760
 Motor Carrier Regulation (See Regulation; also Interstate Commerce Commission)
 Motor Carrier Safety Rules Proposed, 83, 223, 326, 459, 760
 Motor Carriers, R.F.C. to Make Loans to, 222
 Motor Carriers Required to Issue Expense Bills, 840
 Motor Carriers Warned Against Undue Extension of Credit, 258
 Motor Carriers Warned on Free Transportation, 126, 156
 Motor Coach Companies, Railroad Investment in, 728, 799
 Motor Coach Industry:
 Labor Conditions in, 519, 945
 "Wild-Cat" Ticket Selling Uneconomic, 289*
 Motor Coach Lines Again Reduce Fares, 86, 127
 Motor Coach Operations:
 B. & O. Train Connection Service, 287*
 F. J. & G. Bus Line Extended, 826
 Maine Central, 953*
 N. Y., N. H. & H. Subsidiaries Work Together, 150*, 290
 Motor Coach Terminal at Los Angeles, Pacific Greyhound, 955*
 Motor Coaches:
 B. & O. Orders Streamlined Buses, 696
 Budd to Build Coaches for Iraq, 455
 Washing Machine, Ross & White, 806*
 White "Dream Coach", 451*
 Motor Freight Classification Filed, New, 921
 Motor Transport:
 Intercity, Labor Conditions in, 945
 New Zealand Railways Operations, 152*
 Railroads and, F. J. Lismann on, 207
 Motor Transport Companies, Railway Ownership of, 728, 799
 Motor Transport Industry, Labor Relations in, 947
 Motor Truck Charges, Credit Period for, 128, 530
 Motor Truck Companies, Railroad Investment in, 728, 799
 Motor Truck Industry:
 Bureau of Census Reports on, 952
 Labor Conditions in, 829, 945
 Motor Truck Merger Proposed, Large, 733
 Motor Truck Operations (See also Store-Door Service):
 Columbia Terminals Operations, 285*
 N. Y., N. H. & H. Subsidiaries Work Together, 150*, 290
 P. R. R. Co-ordinated Services Aid Traffic, 597*
 Speed and Efficiency in Handling Merchandise, 177*, 211*
 T. & P. Wins Back Merchandise Traffic, 153*
 Motor Truck Show in Newark, 529, 801
 Motor Trucking by Mercantile or Manufacturing Establishments, Status of, 886
 Motor Trucks:
 C. R. I. & P. Trucks for Water Service Dept., 952*
 International Harvester Truck for New Type of Container, 155*
 Motor Vehicle Accidents, Co-ordinator's Report on, 946
 Motor Vehicle and Train Collisions, 735
 Mount Vernon Car Manufacturing Co.: A New Type of Container, 155*
 Multiple Car Rates in Michigan, 179
 Museums, Railroad, 39†, 186‡
- N**
- Nashville, Chattanooga & St. Louis:
 Mediation Board DecisionAppealed, 529
 Soil-Improvement Car, 293, 730
 National Association of Railroad and Utilities Commissioners: Annual Meeting, 759
 National Carloading Corp.: Freight Forwarding Investigation, 562, 593
 National Coal Association Predicts Possible Car Shortage, 459
 National Income, Distribution of, 2†
 National Income for 1936, 170†
 National Income Produced and Paid Out, 302†, 399†
 National Industrial Council: Educational Program on Economics and Government, 573
 National Industrial Traffic League:
 Annual Meeting, 777†, 796
 Beek, Joseph H., Death of, 260
 Freight Rate Increases Opposed, 923
 Hearings on Surcharges, To Forego, 605
 Long-and-Short-Haul Clause Repeal Still Favored by, 777†, 796
 Members Warned on Motor Carrier Regulations, 127
 Offices Moved to Washington, 606
 National Labor Relations Board: N. E. T. Mechanical Dept. Representation Case, 190
 National Local Trucking Associations Propose Unified Pick-Up Plan, 154
 National Mediation Board:
 Annual Report, 958
 Carmalt, J. W., Appointed Chairman, 41
 N. C. & S. L. Appeals Decision of, 529
 National Motor Truck Show, 529, 801
 National Railway Appliances Association: List of Exhibitors, 734
 National Railway Historical Society: Annual Convention, 644
 National Safety Council: Steam Railroad Section Meeting, 460, 521
 National Trailways Station at St. Louis, 452*
 National Trailways to Build Terminals, 157
 Naval Stores Rates, I.C.C. Investigation of 650
 Needles, Arthur C., Death of, 639*, 691, 838‡
 Net Deficit of Railroads: Four Months, 84; Five Months, 222; Six Months, 460; Seven Months, 490
 Net Income of Large Steam Railways: Four Months, 85, Five Months, 223, June and Six Months, 329, 460, Seven Months, 491, Eight Months, 693, Nine Months, 887
 Net Income of Railroads: Eight Months, 692, Nine Months, 886
 New Deal Dictate Rate Policies of I.C.C., Does, 580†
 New England, Co-ordination of Transportation Proposed in, 259
 New England Shippers' Board Meeting, 426
 New England Transportation Co.: Mechanical Department Representation Case, 190
 New Jersey Tax Case, 960
 New York Central:
 Automobile-at-Destination Plan, 645
 Christmas Party Operated By, 924
 Christmas Travel Expected to be Heavy, 921
 Damages Won in Truck Collision Suit, 84
 Freight Forwarding Investigation, 595, 824
 Grade Separation Project at Syracuse, 459, 476*, 504*, 904*
 Interlocking at Syracuse, Modern, 904*
 Labor Day Traffic, 386
 "Mercury" Train, 50*
 Passenger Revenue Increases, 82
 "Railroad Wonder Trip", 295, 443*, 469†
 R.F.C. Loan, 497, 848 (Paid in Full)
 "Snow Trains" Planned, 771, 924
 Standee Sues, 190
 Station, New, at Syracuse, 504*
 Train Time Shortened, 462
 Trains, New, 462
 Wheel Load Tests, 27*
 Wine Shipment, Large, 585
 New York, Chicago & St. Louis: R.F.C. Loan, 132
 New York City, Express Operations at, 948*
 New York City Trucking Zones Opposed by Railroads, 85, 353, 451*
 New York, New Haven & Hartford:
 Automatic Train Stops Abandoned, 258, 647
 "Bicycle Trains" Revived, 489
 Booklet on Business Travel by Rail, 160
 Bus and Truck Subsidiaries Work Together, 150*, 290
 Crossing Signal Changes Ordered in N. Y., 192
 Freight Forwarding Investigation, 592
 I.C.C. Investigation of, 571, 610, 841
 Labor Day Traffic, 387
 Locomotives, Diesel-Electric Switching, 615*
 Motor Vehicle Maintenance, Control of, 290
 Passenger Business Increases, 82, 294
 Passenger-Revenue Rise Retarded by Fare Cuts, 126
 Snow Trains Planned, 923
 Surveys Carried on for Motor Vehicle Subsidies, 150
 Telegraph Contract Investigation, 488
 Track Tests of Electric Locomotives, 374*, 412*
 Train, New, 463
 Train Time Shortened, 463
 Train with Besler Steam Power Plant, 581*
 New York Public Service Commissioner:
 Emergency Freight Rates Authorized, 258
 Highway Carrier Safety Rules, Report on, 223
 Highway Crossing Signal Changes, 192
 New York Railroad Club:
 Annual Dinner, 606, 691, 842, 871
 "Edison Night", 734
 Leaders Optimistic on Rail Outlook, 871
 New Haven Two-Car Train with Besler Steam Power Plant, 529, 581*
 New York State Barge Canal Called Most Unjust Form of Competition, 529
 New York State Hours of Service Law for Motor Vehicle Operators, 885
 New York Union Inland Freight Station Business Increased, 259
 New York, Westchester & Boston:
 Court Warns Road May Cease Operation, 355
 Fare Increases, 28, 189
 Subject to Railway Labor Act, 326
 New York World's Fair, Bond Committees for, 841
 New Zealand Government Railways, New Plan for Administration of, 190
 New Zealand, Rail-Highway-Ship Co-ordination in, 152*
 Norfolk & Western:
 Better Service Conference, 643
 Employees Urged to Protect Their Jobs, 924
 Jenks, W. J., Elected President, 639*
 Locomotives, 2-6-6-4 Type, 435*
 Memorial to A. C. Needles, 691
 Model Locomotive Built, 257
 Needles, A. C., Death of, 639*, 691, 838‡
 Surgeons' Association Annual Meeting, 572
 Water Supply Facilities and Treatment, 586*
 Norfolk Southern Bus Corporation; Certificate Recommended for, 889
 Norris Locomotives, Information Wanted About, 838‡
 North Carolina, Investigation of Surcharges in, 159, 733
 Northern Pacific:
 North Coast Limited Speeded Up, 842
 Pooling of Passenger Trains, 325
O
- Odds and Ends, 38*, 124*, 187*, 257*, 324, 350, 384, 424*, 457, 568, 642, 688, 765, 807, 839*, 881, 957
 Ohio Flood-Control Line Revision Project, 345*

RAILWAY AGE—Index

Oil Lanterns Not Allowed in Illinois, 958
Oil, Trainload Rate Suspended on, 689
Oklahoma Ry. Subject to Labor Act, 258
Old Deal and New Deal, 399†
“On the Railroad”; Book to be Sold in the “Five and Ten,” 242*
“Open House” for Railroad Patrons, 255‡
Operating Efficiency, Means Used to Boost, 863
Operating Statistics: Monthly Figures, March, 167; April, 331; May, 397; June, 499; July, 705; August, 741; September, 853
Opportunity for Far-Sighted Leadership, 501†
Ore Traffic; Revised Contract for Pooling Approved, 885
Oregon-Washington Railroad & Navigation Co.: Oregon Grain Shipping Decision, 810
Organization (See Personnel)

P

Pacific Greyhound Terminal at Los Angeles, 955*
Pacific Northwest Shippers’ Board Meeting, 491
Packages, Standard, Purchasing in, 120*
Paint for Buildings and Structural Uses, 686
Pan-American Bus Lines, I.C.C. Grants Certificate to, 768
Panama Canal Annual Report for 1935-36, 958
Panama Canal Toll Rate Increase Urged, 462
Panama Railroad Annual Report for 1935-36, 958
Parade of the Years at Great Lakes Exposition, 40
Passenger Fares:
Effect of Reductions (See Passenger Revenues)
Holiday Tickets on Sale December 1, 809
I. C. Suburban Fares Reduced, 388
Limit for Return Trips Extended in West, 221
L. I. Commutation Increase Denied, 161
L. I. Two-Cent Fare Case, 85, 128, 770
Motor Coach Lines Again Reduce, 86, 127
N. Y. N. H. & H. Revenue Rise Retarded by Reductions in, 126
N. Y. W. & B. Rates Increased, 28, 189
P. R. R. Commuters Grievance on Supplemental Fares Settled, 190, 490
Railroads Chided on Low Fare Results, 237†
Reading Reduced Suburban Fares, 223
Revenues (See Passenger Revenues)
Western Lines Extend Winter Excursions, 295
Western Roads 1937 Summer Rates, 553, 731
Passenger Revenues: June, 82, 128, 161, 237†; July, 259, 294; August, 425, 533, 547†; September, 569; November, 924
Passenger Service:
Automobile-at-Destination Plan; N. Y. C., 645
Baggage Checking, Suggestion for, 158
Collection and Delivery; C. R. & I. C., 189, 449*
L. I. Increases Number of Trains, 427, 959
St. L. S. F. Modernizes Service, 421*
Stewardess Service on the “400,” 259
Traveler, An Indignant and Dissatisfied, 766‡, 920‡
Passenger Stations (See Stations)
Passenger Tariffs; Time for Filing Extended, 841
Passenger Traffic:
Accelerating Traffic Gains, 779†
B. & O. Adds Trains to Handle, 190
C. R. & I. C. Regains Traffic, 189, 449*
C. M. St. P. & P. Hiawatha, 126, 258, 388
Christmas Travel, 921
Fare Reductions in East Increase, 82, 126
Football Traffic Handled by Railroads, 690
Great Britain, Remarkable Movement in, 298
Grousing Pays on the British Railways, 351
High-Speed Trains, Results of, 763
Labor Day Traffic, 386
Landon Notification Causes Increase in, 190
Long Island, Increase on the, 959
Shriners’ Convention Traffic, 86
Thanksgiving Travel Heavy, 843
Travel in West Better Than Last Year, 86, 296, 426
Passenger Traffic Officers Convention, 691, 763
Passes (See Free Transportation)
Patent Division Created by A.A.R., 691
Patents, P. & S. Division Report on, 120
Pennsylvania:
Accident Near Menlo Park, N. J., 645
Accident Near Princeton, N. J., 691
Broadway Limited Leaving Time Changed, 808
Brotherhood of Ry. Clerks Recognized, 607
Carlisle, Pa.: Trains Removed From Main Street, 606*, 644 (Correction)
Centenary of Railroading in Harrisburg, 462
Christmas Travel Expected to be Heavy, 921
Coach Modernizing Schemes, 367*
Concrete Lining in Tunnel, Reinforced, 243*
Co-ordinated Service Attracts Merchandise Traffic, 597*
Detectors, Dragging Equipment, 725*
Equipment Dismantling Program, 911*
Excursion, “Autumn-Leaf,” 530
Excursions, “Off-the-Beaten-Track,” 295, 325*, 427, 463, 469†, 492*, 516*, 571, 644
Flower Show in Philadelphia Station, 38, 425
Freight Forwarding Investigation, 879
Joint Operation with G. T. W. Authorized, 889
Labor Day Traffic, 386
Live Fish by Carload for Market, 223
Locomotive, Streamlined, Exhibited, 126, 258

Pennsylvania:—(Continued)
Locomotives, Electric; J. V. B. Duer on, 492
Manhattan Transfer; Authority to Abandon Sought, 606
Motor Truck Lines to Be Acquired Directly, 45, 132, 565, 602, 882
N. J. Commuters Grievance on Supplemental Fares Settled, 190, 490
Ohio Flood-Control Line Revision, 345*
Passenger Revenue in June, 190
Pennsylvania Limited 55 Years Old, 810
Research Activities, 428
Scholarships, Frank Thomson, 427
“Snow Trains” Planned, 771, 924
Track Tests of Electric Locomotives, 374*, 412*
Train Time Shortened, 462, 488 (Congressional Limited)
Trains, New, Added to Service, 460, 462, 488
Wheel Load Tests, 27*
Pennsylvania Truck Lines, Inc.:
Alko Express Lines, Denial of Acquisition Recommended, 536, 565, 773, 806
Barker Motor Freight Acquisition Denied, 45, 132, 565, 602, 882
Certificate and Permit Recommended, 481
P. R. R. to Acquire Lines Directly, 882
Pension Act, Curb on Supreme Court Sought to Protect, 459
Pension Claims Certified, 387, 959
Pension Plan, Contributory, of C. P. R., 531
Pension Tax Act Enjoined, 33, 108
Pensions: (See also Railroad Retirement Act)
Railroad, Federal Government Pays, 108
Registration of Railroad Employees for, 959
Peoria & Pekin Union: Supply Operations, 317*
Per Diem Plan Attacked by P. H. & D., 644
Per Diem Plan, Savings Due to, 797
Perishable Handling:
Banana Traffic; International Railways of Central America, 943*
Damage Claims on Perishables, 253
Live Fish by Carload; P. R. R., 223
Personnel:
C. & N. W. Passenger Sales Training, 775
Discipline, Proper, Report on, 281
Education of Staff a Vital Need on the Railroads, 920†
I. C. Employee Training Program, 518
K. C. S. Pre-Employment Training Plan, 564
Loyalty and Leadership; C. E. Johnston on, 634
Maintenance Organization, 441
Management’s Obligation to, 517
Mechanical Engineer in Railroading, 527‡
Organization of Supervisory Forces, 279
Organizing Gangs for Bridge Work, 685
Selecting and Training Track Foremen, 442
Personnel Policies, The Key to Further Progress Lies in, 897†
Personnel-Suggestion Department Proposed, 794
Petroleum Rates, I.C.C. to Investigate, 606
Philadelphia Railroad Museum, 186‡
Philadelphia Traffic Club: New Headquarters, 387
Piedmont & Northern: Valuation, 610
Pier Shed Constructed with Frame of Scrap Rails; C. of Ga., 907*
Pioneer & Fayette to Show Profit, 324, 568
Pipe Line Companies, I.C.C. Valuing, 887
Pooling of Ore Traffic Approved, Revised Contract for, 885
Pooling of Passenger Trains in West; Change in Approved by I.C.C., 325
Port Huron & Detroit, Average Per Diem Plan Attacked by, 644
Port of New York Authority: J. A. Bower Appointed Commissioner, 125
Ports on the Upper Hudson, Report on, 733
Power Plants, A.R.E.E. Report on, 676
Power Reverse Gear Agreement Between A.A.R. and Brotherhoods, 488
Power Reverse Gear Case, 125
Power Supply, Electrical Section Report on, 676
Practitioners Before the I.C.C., Meeting of, 691
Preframing Timber Bridges, Report on, 635
Pressed Steel Car Co.: Reorganization Plan Approved, 130
Price Competition, F. J. Lisman on, 207
Pricing, P. & S. Division Report on, 117
Printing Exhibit Train, 295, 494*
Printing, P. & S. Division Report on, 118*
Printing Plant of the D. & H., 248*
Public Relations: (See also Advertising)
A.A.R. Program, Outline of, 336*, 342
A. T. & S. F. Organizes Department for, 458
Big Business and, 744†
C. & O. Conference, 693
Excursions a Means of Winning Public Favor, 469†
Grade Crossings a Factor, 547†
Henry, Col. Robert S., on, 72
Michigan Localized Publicity Successful, 387*
“On the Railroad” Book to be Sold in the “Five and Ten,” 242*
“Open House” for Railroad Patrons, 255‡
Railway Buying Captures Public Interest, 20*
Salesmanship and Its Bearing on Railroad Transportation, 640
Starting Contrasts Shown in Legislative Effectiveness, 929†
State Governments and, 267†
Western Railroad Week, 62, 99†, 107*, 145*
Public Works Administration:
Grant for Removal of Railroad Trestle in Chicago, 571

Public Works Administration:—(Continued)
Grants for Grade Separations in N. J., 426
Loans Net Profit to Government, 769, 841
Loans, Work Resulting From, 769
Status of Railroad Loans, 258, 769, 841
Transportation Loans Division Abolished, 769
Pullman Company:
Air-Conditioned Cars in Service, 842
National Advertising Campaign Planned, 810
Sleeper-Observation Car, Two-Unit, 260, 340*
Sleeping Car Services, Survey of, 309
Pullman-Standard Car Manufacturing Company:
Sleeper-Observation Car, Two-Unit, 260, 340*
U. P. “City of Denver,” 4*
Purchase of Electrical Energy, Report on, 680
Purchases: (See also Materials and Supplies)
Analysis of Purchases in 1935, 722
Equipment Orders in June and First Six Months, 3†, 16, 43; July, 201†, 224; August, 335†, 351; October, 654†, 695; November, 815†, 845
Essentials of the Service of Supply, 753*
Per Cent of Operating Revenues in 1935, 722
Per Mile of Road in 1935, 722
Railway Buying Captures Public Interest, 20*
Roads in Receivership in 1935, 722
Six Months of 1936, 15*, Eight Months, 473*, Nine Months, 836*
Western States in 1935, 160
Purchasing—A Problem in Co-operation, 787
Purchasing Agent and the Salesman, Relation Between, 787
Purchasing Department Needs, 120*
Purchasing in Standard Packages, 120*
Purchasing Policy of Bankrupt Railroads, 959
Purchasing Practices and Records, Report on, 117*

R

Radio Advertising on I. C., 733
Radio in Railway Service; A.R.E.E. Report, 680
Rail:
Anchoring Scheme; Wabash Bridge, 823*
Manufacture; C. B. Bronson on Improvement, 482
Means Used to Increase Efficiency, 863
Orders in June and First Six Months, 3†, 16, 43; July, 201†, 224; August, 335†, 351; September, 503†, 534; October, 654†, 695; November, 815†, 845
Relaying, Factors That Determine, 483
Scrap; C. of Ga. Pier Shred Frame Constructed with, 907*
Transverse Fissures (See Transverse Fissures)
Wheel Loads in Service, Field Tests for, 27*
Rail Ends, Building Battered, 114
Rail Ends, Hardening of; C. B. Bronson on, 482
Rail-Highway Auto-Railers; C. A. & S., 453*
Rail-Highway Auto-Railers; A. & F., 951*
Rail Joint Bars, Reclamation of, 114*
Rail Lubricators:
Clinchfield, 420*, 571 (Correction)
Curve Lubricators, Report on, 484
Rail Motor Cars: (See also Streamlined Trains)
Diesel Conversion of Gasoline Rail Car, 919*
First Gasoline Rail Car, 256‡
Kalamazoo Railcarbus, 773*
L. M. S. Pneumatic-Tired Cars, 193
N. Y. N. H. & H. Train with Besler Steam Power Plant, 529, 581*
S. A. L. Mail-Baggage Car, 409*
Rail Transportation, Benefits of, 438
Railcarbus, Kalamazoo, 773*
Railroad Book Sold in “Five and Ten,” 242*
Railroad Clubs, Employee Training an Opportunity for, 898†
Railroad Credit Corporation:
Distribution of Revenues, 40, 84, 258, 353, 534, 607, 770, 922
Loans Repaid to, 258
Railroad Employees’ National Pension Association Seeks Curb on Supreme Court to Protect Pension Act, 459
Railroad Enthusiasts, Inc.:
Annual Meeting, 770
N. Y. C. and D. & H. “Wonder Trip,” 295, 443*
New York Chapter:
C. of N. J. Trip, 808
“Committee of Railroad Support” Formed, 568
Erie Excursion Trip, 458
Meetings, 426, 731, 958
Washington Division Trips and Meetings, 606, 769
Railroad Prosperity, A Union Employee’s Interest in, 237
Railroad Retirement Act:
Act Is Unjust to Younger Employees, 316
Federal Government Paying Pensions, 108
Pension Tax Act Enjoined, 33
Railroad Retirement Board:
Pension Claims Certified, Additional, 387, 959
Registration of Employees for Pensions, 959
Ruling Protects Pensions of Employees Over 65, 425
Time for Filing Continuance in Service Agreements Extended, 352
Railroad Tour Included in World Power Conference Program, 158, 354
Railroad Transport, Study Course in, 260

GENERAL INDEX—Continued

[Illustrated articles are indicated thus*; Editorials thus†; Letters to Editor thus‡]

- Railroad Week Celebrated, 62, 99†, 107*, 145*
 Railroading, A New Era in, 732
 Railroads, the Drouth and the Economics of Scarcity, The, 97†
 Railroads Politics and Recovery, 613†
Railway Age: Excerpts from Editorials Discussing Business and Business Problems, 362
 Railway & Locomotive Historical Society: Bulletin No. 41, 810
 Chicago Chapter: History of Chicago Passenger Stations, 644
 New York Chapter:
 D. L. & W. Trip, 159*
 Excursion to L. V. Shops, 460, 643*
 Meetings of, 460, 769, 958
 N. Y. C. and D. & H. "Wonder Trip," 295, 443*
 P. R. R. Excursions Sponsored by, 295, 325*, 427, 516*
 Railway Business Association:
 Annual Meeting, 458, 719, 734
 Resolutions Opposing Government Ownership, 260, 325
 Railway Express Agency, Inc.: Air Express, Ninth Anniversary of, 369
 Air-Express Shopping Service, 294
 Air Express Traffic, 140, 459, 657, 840, 921
 Express Traffic, Increase in, 883
 Freight Forwarding Investigation, 630, 653†
 General Sales Department Created, 489
 Motor Carrier Certificates Sought, 571
 Operations at New York, 948*
 Railway Fire Protection Assoc.: Meeting, 530, 637
 Railway Fuel and Traveling Engineers' Association Organized, 447
 Railway Labor Act:
 C. N. S. & M. Exempt from, 768
 Hudson & Manhattan Subject to, 190, 296, 326
 N. Y. W. & B. Subject to, 326
 Oklahoma Railway Not Exempt from, 258
 Virginian Appeals Suit Against, 353
 Railway Labor Executives Association: Legislation to be Introduced in Congress, 960
 Six-Hour Day Bill to be Introduced, 645, 707†, 960
 Railway Practices Investigation: Warehousing Practices at New York Condemned, 31, 353, 605
 Railway Results in 1936, 361†
 Railway Situation:
 Academy of Political Science Discussions, 749
 Business Problems Now Akin to, 488
 Business Responsible for Government Ownership Trend, 777†
 Earnings in June, 201†; July, 335†; Seven Months, 361†; August, 547†
 Fletcher, R. V., Counsels Courage, 69
 Lamont, Thomas W., on, 779
 Leaders Optimistic on Rail Outlook, 871
 Means Used to Boost Efficiency, 863
 Old Deal and New Deal, 399†
 Price Competition; F. J. Lisman on, 207
 Railroads, Politics and Recovery, 613†
 Rebuilding the Railroad Industry, 47†
 Renaissance of Railroading, A, 817
 Why Has Recovery Occurred?, 577†
 Williamson, F. E., on, 752
 Railway Supply Manufacturers Assoc.: Exhibit at Mech. Div. Convention in 1937, 110, 580†, 689, 840
 Rate Policies of I.C.C., Does New Deal Dictate, 580†
 Rates, Depreciation, for Streamlined Trains, 571
 Rates, Freight:
 A.A.R. Proposes Changes in Rate Structure, 528, 605, 621, 734, 785
 Chicago-Twin Cities Low Rates; Suspension Vacated, 85, 353
 Citrus; Fourth Section Relief Continued, 689
 Class, in South, I.C.C. to Investigate, 531, 691, 810
 Cotton; Reduction from Texas Authorized, 161
 Divisions Between Eastern and Southwestern Lines Prescribed, 158, 459
 Drought-Relief Rates, 41, 190, 221, 293, 294, 327, 355, 388
 Emergency Charges:
 A.A.R. Proposes Class Rate Simplification to Offset Loss of, 528, 605, 621, 734, 785
 Continuance of Denied, 785, 922, 941
 N. I. T. League Opposes Increases, 923
 New York Authorizes Charges, 258
 North Carolina; Investigation of, 159, 733
 Railroads Seek to Make Rates Permanent, 189, 222
 Fish, Reduced Rates Suspended on, 571
 Fourth Section Relief Decisions, 354, 490, 689, 692
 Grain, in Iowa, New Intrastate, 353
 Iron and Steel; Reduction Suspended, 606
 Joint Motor-Rail-Motor Rates Found Justified, 36, 294, 802
 Multiple Car Rates in Michigan, 179
 Rates, Freight:—(Continued)
 N. I. T. League Opposes Increases, 923
 Naval Stores, I.C.C. Investigation of, 650
 Oil; Trainload Rate Suspended, 689
 Petroleum, I.C.C. to Investigate, 606
 Railroads Seek to Make Emergency Rates Permanent, 189, 222
 Revision of Rates to Albany Prescribed, 809
 Rice Rates Found Generally Reasonable, 842
 Rates, Panama Canal Toll, Increase Urged, 462
 Reading:
 Fares, Reduced Suburban, 223
 Freight Forwarding Investigation, 632
 "Rail Ramble" Excursion, 461, 572
 Rebuilding the Railroad Industry, 47†
 Receivership, Purchases Made by Roads in, 722
 Reclamation, Joint Report on, 114*
 Reconstruction Finance Corporation:
 C. R. I. & P. Securities; Injunction on Sale, 195
 D. & R. G. W. Betterment Program, 88
 Loans to Motor Carriers, 222
 P.W.A. Railroad Loans Held by, 258, 769
 Railroad Loans:
 Ashley, Drew & Northern, 328
 California & Oregon Coast Loan Application, 225
 Charles City Western, 131
 Chicago Great Western, 44, 162, 171†
 Fort Worth & Denver City, 131, 262
 Illinois Central Loan Application, 812
 Lehigh Valley Repayment, 697
 Missouri Southern, 536
 New York Central, 497, 848 (Loan Paid in Full)
 New York, Chicago & St. Louis, 132
 Southern Pacific Loans Repaid, 132
 Status of, 126, 258, 732, 841
 Tennessee Central Loan Application, 813
 Yosemite Valley Loan Application, 45
 Western Pacific Improvement Budget, 132
 Recovery:
 Four Years' Discussion of Business and Business Problems, 362
 Railroads, Politics and, 613†
 Some Surprising Facts About, 235*†
 Why Has Recovery Occurred?, 577†
 Refrigeration Charges Prescribed by I.C.C., 104
 Refrigerator Car Mileage Allowance Reduction Found Not Justified by I.C.C., 489
 Refrigerator Cars, Steel, Adopted as Standard by General American Transportation Corp., 122*
 Refrigerator Container Being Developed, 461
 Regulation:
 Canada to Regulate All Transport Agencies, 689, 843
 Fletcher, Judge R. V., on, 750
 Motor Carrier (See also Interstate Commerce Commission)
 Canada, Problem in, 843
 National Association of Railroad & Utilities Commissioners Discuss, 760
 Washington Act Upheld, 354
 Simpler Regulation, 236†
 Simplification of, Cornelius Lynde on, 590
 Waterway; J. J. Pelley on, 806
 Renaissance of Railroading, A, 817
 Reorganization of Pressed Steel Car Company Approved, 130
 Reorganization of Railroads:
 A. C. & Y. Plan Filed, 737
 C. & N. W. Plan Filed, 35, 162, 328
 C. G. W. Plan Filed, 496, 609
 C. I. & L. Plan, 798
 C. R. I. & P. Plan Filed, 147
 Copper Range Plan, 925
 D. & R. G. W. Plan Filed, 195
 Louisiana & North West Plan, 297
 Mahafie, Charles D., on, 761
 St. L. S. F.; Hearings Postponed, 848
 St. L. S. W. Plan Filed, 870
 Sec. 77 Full of Imperfections, 249, 282
 Spokane International Plan Filed, 429
 Reparation Clause: Chicago Tribune on, 431
 Republican and Democratic Platforms, The, 1†
 Research:
 Air-Conditioning Study of A.A.R., 125
 A.A.R. Activities During 1936, 732
 Brake-Shoe Testing Machine, New, 138*
 Economic Research in Transportation, 381
 N. Y. N. H. & H. Motor Vehicle Surveys, 150, 290
 P. R. R. Activities, 428
 Tie Research on the A. T. & S. F., 402*
 Union Pacific Bureau for, 85, 134*, 178
 Wallace, L. W., on, 220
 Revenues and Expenses:
 Canadian Roads, 41, 223, 354, 491, 689, 843
 Earnings: June, 201†; July, 335†; Seven Months, 361†; August, 547†
 Fare Cuts Retard New Haven Revenues, 126
 Freight and Passenger Revenues: June, 82, 128, 161, 237†; July, 259, 294; August, 425, 533, 547†; September, 569; November, 924
 Monthly Detailed Figures: May, 92, June, 230, July, 392, 489 (Correction), August, 540, September, 700, October, 892
 Revenues and Expenses:—(Continued)
 Monthly Summaries: May, 82, 166; June, 220, 300; July, 351, 432; August, 489 (Preliminary), 528, 612; September, 690, 776; October, 840 (Preliminary), 883, 964, November, 924 (Preliminary)
 P. R. R. Passenger Revenue in June, 190
 Railway Results in 1936, 361†
 Rice Rates Found Generally Reasonable, 842
 Riding Qualities of Passenger Cars, 214*, 526†
 Roadmasters and Maintenance of Way Association: Annual Convention, 438, 463, 482
 Roller Bearings for Switches, 255*
 Roller Bearings on N. & W. Locomotives, 435*
 Roots, Maintenance of, Report on, 634
 Ross & White Air-Operated Cinder Plant, 184*
 Ross & White Bus Washing Machine, 806*
 Rules:
 Accounting; Published by A.A.R., 355
 Safety Rules for Motor Carriers Proposed, 83, 223, 326, 459, 760
 Rutland: Crossing Signal Changes in N. Y., 192

S

- Safety:
 Changing Times Demand Greater Alertness, 78
 High Speeds and; W. J. Patterson on, 185
 International Harvester Company Booklet, 157
 I.C.C. and Railroad Safety, 523
 Maintenance of Way Department, 524
 Management's Responsibility for, 521
 Railroad Relation to Community Safety, 525
 Safety Clubs on the Missouri Pacific, 77
 Safety Efforts of Railroads Classified, 77
 Safety Laws, List of Railroad, 523
 Safety Rules for Highway Carriers Proposed, 83, 223, 326, 459, 760
 St. Louis Car Co.: Suit Against Dismissed, 696
 St. Louis, Iron Mountain & Southern: Trustees' Fees, 944
 St. Louis-San Francisco:
 Cars, All-Welded Passenger, 825*
 Improvement Program, 845, 961
 Reorganization Hearings Postponed, 848
 Service and Sales Methods Modernized, 421*
 St. Louis Southwestern:
 Expenditures Approved, 43
 Purchasing Policy, Court Case on, 959
 Reorganization Plan Filed, 870
 Salary During Travel Time as an Element in Business Trip Costs, 160
 Sales Department Created by Railway Express Agency, 489
 Salesman and the Purchasing Agent, Relation Between, 787
 Salesmanship:
 Bearing on Railroad Transportation, 640
 C. & N. W. Passenger Sales Training, 775
 Dramatizing the Railroads, 99†
 Passenger Traffic Officers Discuss, 764
 St. L. S. F. Modernizes Service, 421*
 Training Needed, 897†
 Santa Fe Trails: Chicago Bus Terminal, 157
 Santa Fe Trails Stage, Inc.: Acquisition of Lines Authorized, 697, 801
 Santa Fe Transportation Company:
 Activities Being Expanded, 292
 One-Ticket, Bus-Rail Transportation Service Proposed, 84
 Sargent Laboratory, New Brake-Shoe Testing Machine, in, 138*
 Scott Bros., Inc.:
 Contract-Carrier Permit Proposed for, 295
 W. G. Corporation; Denial of Acquisition Recommended, 132, 262, 806
 Scrap Handling:
 Profit and Loss in, 563*
 P. & S. Div. Report on, 113
 Seaboard Air Line: Diesel-Electric Mail-Baggage Car, 409*
 Senate Railroad Financing Investigation, 529, 843, 875, 899†, 915, 939
 Shippers' Regional Advisory Boards:
 Atlantic States, 553
 Car Shortage Reported in Mid-West, 553
 Estimates of Car Loadings, 84, 129, 426, 491, 530, 553, 924
 Mid-West, 129, 553
 New England, 426
 Southeast, 924
 Shop Work to be Expanded on C. N. R., 882
 Shopping Service, Air-Express, 294
 Shops, Electro-Motive to Extend, 696
 Shoup, Paul: Fairer Division of Income Must Not Go so Far as to Destroy Income Source, 899
 Siberian Railroad Line, New, 885
 Signal Foremen Classified as Employees, 325
 Signaling:
 Arkansas Signal Contracts, 464
 Block, for High-Speed Train Operation, 64
 Cab Equipment; "City of Denver", 11*
 Crossing Protection (See Crossings, Highway Grade)
 High-Speed Trains, Preparation for, 64, 791*
 Modern Demands of, 791*
 N. Y. C. Facilities at Syracuse, 511*
 Signals, Highway Crossing; Changes Ordered in New York State, 192

- Simplification, P. & S. Div. Report on, 118*
- Simplification of Tariffs, Progress in, 321
- Six-Hour Day:
Cost of, 819, 885
- Dunn, S. O., on Proposed Legislation, 819
- Labor to Press for, 645, 707†, 816, 960
- Sane Consideration Versus Political Pressure, 855†
- Sleeper-Observation Car, Pullman Two-Unit, 260, 340*
- Sleeping Car Service, London-Paris, 626*
- Sleeping Car Services, 1890-1935, Survey of, 309
- Sleeping Cars, Cost of Carrying Passengers in, 872
- Slichter, S. H.: Why Re-employment Lags, 303
- Small U. S. Railroads, 324, 568, 642, 839, 957
- Smoke Prevention Manual, 428
- Snow Trains Planned by Railroads, 771, 885, 923
- Soil-Improvement Car on N. C. & St. L., 293, 730
- Southeast Shippers' Advisory Board Meeting, 924
- Southeastern Express Company Denied Truck Certificate, 886
- Southern Class Rates, I.C.C. to Investigate, 531, 691, 810
- Southern Pacific:
Advertising Poster, 257*
- Children's Menu Introduced on Trains, 352*
- Court Tourist Trains Established, 960
- Communication Facilities, Use of, 560
- Equipment Program Launched, 888
- New Orleans-Los Angeles Time Shortened, 959
- R.F.C. Loans Repaid, 132
- Streamlined Trains Ordered by, 43, 846
- Texas Centennial Exhibit, 160*
- Train Time Shortened, 959, 960
- Southern Railway:
Florida, Heavy Travel Expected to, 605
- Freight Forwarding Investigation, 879
- T. V. A. Line Abandonment Application, 226, 328
- Train Time Shortened, 809
- Southern Railway of Great Britain:
Electrification Work to be Continued, 880
- English Channel Train Ferry Service, 444
- Sleeping Car Service, London-Paris, 626*
- Trains Speeded Up, 127
- Southwestern and Eastern Rate Divisions, 158, 459
- Special Devices, P. & S. Div. Report on, 120
- "Speed-Endurance" Record Claimed for "Silver Jubilee", 259
- Speed of Trains: (See also Train Time Shortened)
Deriver Streamlined Trains, 4, 40
- Denver Zephyr World Record, 571, 627*
- L. & N. E. "Silver Jubilee", 353
- L. M. S. Steam Speed Record, 886
- Safety and; W. J. Patterson and, 185
- Speed Limitations on Curves, 64
- U. S. Railroads Leaders in Fast Services, 293
- Speeds, Permissible: Track Tests of Electric Locomotives, 374*, 412*
- Spending, Taxes and the Railways, 433†
- Spokane International: Reorganization Plan, 429
- Stainless Steel Motor Coaches for Iraq, 455
- Standard Time Zone Investigation, 311
- Standardization, P. & S. Div. Report on, 118*
- Staten Island Rapid Transit Grade Crossing Projects, 857*
- Stationery and Printing, Report on, 118*
- Stations:
C. & O. at Williamsburg, Va., 99*
- Chicago Passenger Stations, History of, 644
- National Trailways Station at St. Louis, 452*
- N. Y. C. at Syracuse, 504*
- Steel Cars: Corrosion by Coal, 780*
- Steel Refrigerator Car Adopted as Standard by General American Transportation Corporation, 122*
- Steel Standards and Specifications, A.S.T.M. Report on, 73
- Sterling Lumber Co.: Refrigerator Container Being Developed, 461
- Stock Yard Tariff Suspended, 426
- Stoker Hearings Resumed, 458
- Store-Door Service:
Chicago Junction and I. H. B., 190
- Eastern Roads Investigation:
Hearings on, 29, 83, 188, 221, 325, 456
- Minimum Rate Controversy, 884, 959
- Re-opening of Case Asked, 884, 959
- Service Approved by I.C.C., 671, 731, 768, 806
- Express Operations at New York, 948*
- Minimum Truck Charges Asked, 884
- National Local Trucking Associations Propose Unified Pick-Up Plan, 154
- P. R. R. Co-ordinated Services Aid Traffic, 597*
- Speed and Efficiency in Handling Merchandise, 177*, 211*
- T. & P. Wins Back Merchandise Traffic, 153*
- Storekeeping for Railway Electrification, 410*
- Storekeeping, Visible Records for, 343*
- Stores Building and Equipment; D. & H., 246*
- Stores Department:
Control of Commissary Supplies By, 23
- Co-operation with Purchasing Department, 120*
- Essentials of the Service of Supply, 753*
- Strain Gage Tests on Electric Locomotives, 412*
- Streamlined Locomotives:
C. N. R. 4-8-4 Type, 175*
- C. P. R. 4-4-4 Jubilee Type, 171*, 189, 479*
- C. B. & Q. Denver Zephyr Locomotives, 669*;
- Twin Zephyr Locomotives, 931*
- D. L. & W. Remodeled Pacific Type, 496*
- German Locomotive with Remote Control, 241*
- Streamlined Locomotives:—(Continued)
L. & N. E. "Lord President", 221, 514*
- N. Y. C. "Mercury", 62*
- Notes on Design of, 766†
- P. R. R. 4-6-2 Type on Exhibitor, 126, 258
- Streamlined Motor Coaches Ordered by B. & O., 696
- Streamlined Trains:
Beatty, Sir Edward, Warns Against Over-Rapid Innovation, 922
- C. P. R. Light-Weight Trains, 709*
- C. B. & Q.-Alton Ozark State Zephyr, 923
- C. B. & Q. Denver Zephyrs, 571, 572, 627*, 658*, 669*, 734
- C. B. & Q. New Twin Zephyrs, 840, 923, 931*
- C. B. & Q. "Sam Houston Zephyr", 459
- C. M. St. P. & P. New Hiawatha Cars, 492, 548*
- C. R. I. & P. to Buy, 525, 534, 812, 845
- German Double-Deck Train, 241*
- I.C.C. Study of, 274, 353 (Correction)
- Italian Railroads Electric Train, 293
- N. Y. C. "Mercury", 50*
- N. Y., N. H. & H. Two-Car Train with Besler Steam Power Plant, 529, 581*
- Operating Results, Report on, 763
- Pullman Two-Car Articulated Unit, 260, 340*
- Southern Pacific Orders for, 43, 846
- Telephones on U. P. Streamliners, 273*
- Trains for California Service Ordered by S. P., C. & N. W. and U. P., 846
- U. P. "City of Denver", 4*, 40, 273*
- Streamlining, Some Notes on, 766†
- Strike of Engineers and Trainmen on L. A. & T., and L. & A., 459, 808
- Strike on Federal Barge Line, 425
- Strike Vote Begun on C. G. W., 530
- Strip Mill, New, Opened by Bethlehem Steel, 24*
- Subsidies:
Business Responsible for Government Ownership Trend, 777†
- Election and Big Business, The 743†
- Moulton, Dr. Harold G., or, 719
- New York State Barge Canal, 529
- Spending, Taxes and the Railways, 433†
- Transportation by Taxation, 434
- Subway of Rigid-Frame Design; C. R. I. & G., 271*
- Supply, Essentials of the Service of, 753*
- Switches, Roller Bearings for, 255*
- Syracuse Jubilee, 476*
- T**
- T.V.A. (See Tennessee Valley Authority)
- T-Z Railway Equipment Co.: Steam Operated Cylinder Cock, 254*
- Talbot, A. N., Awarded John Fritz Medal, 811
- Tariffs of C. G. W. for Trucks-on-Flat Cars Approved, 36, 85, 292*, 353
- Tariffs, Progress in Simplification of, 321
- Taxation:
Amounts Paid by Motor Vehicle Users, 771
- "Cockeyed" Tax Legislation and the Railway Industry, 333†
- Illinois Rail Assessments Reduced, 294
- New Jersey Tax Case, 960
- Pension Tax Act Enjoined, 33, 108
- Spending, Taxes and the Railways, 433†
- Transportation by Taxation, 434
- Wages and Taxes, 170†
- Who Pays Huge Government Expenditures?, 169†
- Telegraph and Telephone Section Meeting, 259, 559
- Telegraph Celebration on the C. N. R., 127
- Telegraph Contract of N. Y. N. H. & H. with Western Union to be Investigated, 488
- Telephones on U. P. Streamliners, 273*
- Tennessee Central: R.F.C. Loan Applied for, 813
- Tennessee Valley Authority: Southern Railway's Petition to Abandon Line, 226, 328
- Terminal Operation, Report on Speeding Up, 445
- Terminals:
National Trailways to Build, 157
- Pacific Greyhound at Los Angeles, 955*
- Termites in Railway Structures, 685
- Testing Machine, New Brake-Shoe, 138*
- Tests:
Locomotives, Suggestions for; L. H. Fry on, 729
- Riding Qualities of Passenger Cars, 214*, 526†
- Tie Research on the A. T. & S. F., 402*
- Track Tests of Electric Locomotives, 374*, 412*
- Transverse Fissures in Rails, 25*, 126
- Wheel Load Tests, 27*
- Texas & Pacific:
Cotton Rates Reduced, 161
- Texas Centennial Exhibit, 160*
- Winning Back Merchandise Traffic, 153*
- Texas Centennial Exposition, 160*
- Ticket Offices in Kansas City Moved, 809†
- Ticket Selling: "Wild-Cat" Ticket Selling in Bus Industry, Uneconomic, 289*
- Tie Plates, Universal Anchor, 174*
- Tie Specifications, P. & S. Div. Report on, 115
- Ties:
A. T. & S. F. Research Work, 402*
- Does Gum Wood Make Good Ties?, 202*
- Getting the Most from Crossties, 482
- Renewal Statistics, 1931-1935, 313
- Treated; Statistics for 1935, 142
- Ties:—(Continued)
Treatment of Gum Wood, 202*
- Treatment on the A. T. & S. F., 402*
- Timetables; Revision of Type and Format Suggested, 737
- Toll Rates, Panama Canal, Increase Urged, 462
- Track:
Anchor-Plate Track; M. P. Bridge, 172*
- Anchoring Rail on New Wabash Bridge, 823*
- C. B. & Q. Relocation Project in Iowa, 756*
- High-Speed Trains, Preparation for, 63*
- Maintenance for High Speeds, 439
- Maintenance Has Kept Pace, 789*
- Means Used to Increase Efficiency, 863
- Meeting Tomorrow's Speed Requirements, 440
- N. Y. C. Relocation at Syracuse, 504*
- Ohio Flood-Control Line Revisions, 345*
- Track Foremen, Selecting and Training, 442
- Track Supply Association Exhibit, 463
- Track Tests of Electric Locomotives, 374*, 412*
- Track Work, Taking Accidents Out of, 442
- Traffic:
Accelerating Traffic Gains, 779†
- Air Express, 140, 459, 657, 764, 840, 884
- Air Line, Increase Since 1928, 764
- Air Line Traffic in June, 221; July, 388; October, 884
- Economic Research in Transportation, 381
- Express, Increase in, 883
- Labor Costs Per Unit of, 252
- Railroads, the Drought and the Economics of Scarce, The, 97†
- Traffic Club of Chicago: Industrial Traffic Managers Present Transportation Needs, 474
- Traffic Club of Dallas: Officers Elected, 809
- Traffic Course Given by Metropolitan Traffic Association, 786, 923
- Trailer, Cederstrom, Demonstrated, 455*
- Train Accidents (See Accidents)
- Train and Engine Service: Best Jobs Which Modern Industry Affords, 651†
- Train and Engine Service Employees to Ask Wage Increase, 898†
- Train and Engine Wage Basis, Co-ordinator's Report on, 135†
- Train Communication on U. P. Streamliners, 273*
- Train Communication System, U. S. & S., 836*
- Train Ferry Service, English Channel, 444
- Train-Limit Law in Louisiana Opposed, 224
- Train Operation, High-Speed, 64
- Train Time Shortened:
Baltimore & Ohio, 159, 842
- British Trains Speeded Up, 127
- C. N. R.-G. T. "Maple Leaf," 460
- Chicago, Rock Island & Pacific, 960
- Denver Streamlined Trains, 40
- L. M. & S. "Royal Scot" Speeded Up, 369
- Missouri-Kansas-Texas, 692
- New York Central, 462
- New York, New Haven & Hartford, 463
- Northern Pacific, 842
- Pennsylvania, 462, 488 (Congressional Limited)
- Seattle-Chicago Schedules Speeded Up, 733
- Southern Pacific, 959, 960
- Southern Railway, 809
- Wabash St. Louis Train Speeded Up, 459
- Training of Employees:
Apprentice Training, Revival of, 897†
- C. & N. W. Traffic Representatives, 775
- Courses Offered by British Roads, 733
- Education of Staff a Vital Need on the Railroads, 920‡
- I. C. Sponsors Program, 518
- Salesmanship Training Needed, 897†
- Training of Supervisory Forces, 279
- Training Track Foremen, Report on, 442
- Training Plan, Pre-Employment; K.C.S., 564
- Trainload Lot Rates in Michigan, 179
- Trainload Rate on Oil Suspended, 689
- Trains: (See also Streamlined Trains)
"Californian" Coach Tourist Train, 960
- N. Y. C. Adds New Trains, 462
- P. R. R. Adds New Trains, 460, 462, 488
- "Printers Progress Special", 295, 494*
- Trans-Australian Ry.: Modernization Program, 811
- Transport, Income Derived from, 770
- Transport Plant Is Overbuilt, Our, 719
- Transportation, Agriculture, Industry and, 467†
- Transportation Association of America, Inc.: Appointments Made By, 260
- Jones, Mark M., Elected Vice-Chairman of Committee on Transportation Policy, 193
- Meetings of, 811
- Officers Elected, 811
- Transportation by Taxation, 434
- Transportation Conference Poll on Government Ownership, 260, 325
- Transportation Conference Sees Roads at Junction Point When Congress Convenes, 884
- Transportation, Economic Research in, 381
- Transportation Needs, Industrial Traffic Managers Present, 474
- Transportation Study Course, Outline for, 260
- Transverse Fissures, Progress in Study of, 25*, 126 (Correction)
- Travel to National Parks Increase, 572
- Traveler, An Indignant and Dissatisfied, 766‡, 920†
- Traveling Engineers' Association Merged with International Railway Fuel Association, 351, 447
- Traveling, Reduced Fares and Modern Trains Bring Changes in, 469
- Trespassing Still a Serious Problem, 294
- Truck Ferry Service on C. G. W., 36, 85, 292*, 353
- Trucks, Passenger Car, Design of, 214*, 526‡
- Trustees' Fees on St. L. I. M. & S., 944

GENERAL INDEX—Continued

[Illustrated articles are indicated thus*; Editorials thus†; Letters to Editor thus‡]

Trusteeship (See Receivership)
 Tunnels: Reinforced Concrete Lining on P. R. R., 243*
 Turbine Condensing Locomotives, Report on, 448
 Turbine Electric Locomotive, U. P. to Build First Steam, 178

U

Union Employee's Interest in Railroad Prosperity, 237, 294 (Correction)
 Union of Soviet Socialist Republics: New Siberian Railroad Line, 885
 Union Pacific: Baggage Checking, Suggestion for, 158
 "City of Denver," 4*, 40, 273*
 Depreciation Rate for Streamlined Trains, 571
 Equipment Program, 695
 Golden Wedding Tribute to Carl Gray, 874*
 Lang Transportation Company Rates, Complaint Against, 605
 Locomotive, First Steam Turbine Electric, 178
 Locomotives, 4-6-6-4 Type, 900*
 Lodge to be Built at Grand Canyon, 161
 Pooling of Passenger Trains, 325
 Research Bureau Established, 85, 134*, 178
 Streamlined Trains for California Service Ordered, New, 846
 Telephones on the Streamliners, 273*
 Union Transfer Company Acquisition Case, 40, 126, 698, 806
 Winter Resort at Ketchum, 352, 388, 611*, 731
 Union R. R.: 0-10-2 Type Locomotives, 105*, 570
 Union Refrigerator Transit Co.: Steel Refrigerator Cars, 122*
 Union Switch & Signal Company: Officer Elected, New, 141*, 189 (Correction)
 Roller Bearings for Switches, 255*
 Train Communication System, 836*
 Union Transfer Company: Joint Acquisition Case, 40, 126, 698, 806
 United Fruit Co.: Diesel Conversion of Gasoline Rail Car, 919*
 United States Department of Agriculture: Bureau of Public Roads: Report for Year Ended June, 1936, 607
 Status of Grade Crossing Program, 190, 293, 370*, 532, 607, 770
 Wood Preservation Statistics for 1935, 142
 United States Department of Commerce: Bureau of Census: Motor Truck Reports, 952
 Locomotive Shipments, 459, 958
 United States Freight Co.: Freight Forwarding Investigation, 561
 Universal Anchor Tie Plates, 174*
 Universal Carloading & Distributing Company: Freight Forwarding Investigation, 561, 592, 629, 824
 Refrigerator Container Tested by, 461
 University of Illinois: Progress in Rail Fissure Tests, 25*, 126 (Correction)

Valuation:

C. M. St. P. & P., 297
 I.C.C. Valuing Pipe Line Companies, 887
 Piedmont & Northern, 610
 Valve, Vapor Constant-Pressure, for Passenger Car Use, 123*
 Van Sweringen, Oris P., Death of, 793*
 Van Sweringen Case, The, 899†
 Van Sweringen Companies, Senate Financial Investigation of, 875, 899†, 915
 Van Sweringen Group (See Midamerica Corporation)
 Vapor Car Heating Company: Constant-Pressure Valve for Passenger Car Use, 123*
 Vatican City Railroad, 257
 Vegetables, Analysis of Damage Claims on, 253
 Vestibules on the N.Y.C. "Mercury," 56*
 Virginian: Suit Against Railway Labor ActAppealed, 353

V

Wabash:

Bridge, New, at St. Charles, 821*
 Freight Forwarding Investigation, 880
 St. Louis Train Speeded Up, 459
 Wages (See Employees: Wages)
 Wall Street Journal: Changes in Traveling, 469
 Labor Legislation Threatens Job Curtailment, 816
 Warehousing Practices at N. Y. Condemned, 31, 353, 605 (Case Reopened)
 Washing Machine for Buses, Ross & White, 806*
 Washington Motor Transportation Act Upheld, 354
 Washington Transportation Club, Officers of, 959
 Water Service Department of C. R. I. & P. Uses Motor Trucks, 952*
 Water Supply Facilities on the N. & W., 586*
 Water Tanks, Inspection and Maintenance of, 683
 Water Transportation, Labor Conditions in, 492
 Water Treatment, N. & W. Facilities for, 586*
 Waterways: Fort Peck Dam and Navigation, 622*
 Mississippi, Report on Transportation Lines on the, 572
 Regulation; J. J. Pelley on, 806

Weight of Equipment:

A. T. & S. F. Tests Light-Weight Coach, 885*
 I.C.C. Study of Light-Weight Trains, 274, 353 (Correction)

Welding:

Electric, Reports on, 676
 F. E. C. All-Welded Bridges, 100*
 St. L.S. F. All-Welded Passenger Cars, 825*
 Western Pacific: Budget for Improvements Recommended, 132
 Improvement Program, 695
 Lang Transportation Company Rates, Complaint Against, 605
 Western Railroad Week, 62, 99†, 107*, 145*

W

Western Railway Club: Salesmanship and Its Bearing on Railroad Transportation, 640
 Symposium on Feedwater Heating, 866
 Western Roads Extend Winter Excursions, 295
 Western Roads Low 1937 Summer Rates, 553, 731
 Western Roads Place Holiday Tickets on Sale December 1, 809
 Western Society of Engineers: History of Chicago Passenger Stations, 644
 Western States: Railway Employees, Payrolls and Purchases in 1935, 160
 Western Travel Shows Increase, 86, 296, 426
 Western Union Telegraph Contract with the New Haven Investigated, 488
 Westinghouse Air Brake Company: Officers Elected, 141*, 189 (Correction)
 Westinghouse Electric & Manufacturing Company: Golden Jubilee Day at Great Lakes Exposition, 159
 Track Tests of Electric Locomotives, 374*, 412*
 Westinghouse, George: A.S.M.E. Symposium on, 827
 Weyerhaeuser Sales Company Convention to be Held on Train, 938
 Wheat Crop Moved Without Car Shortage, 192
 Wheel Loads in Service, Field Tests for, 27*
 Wheeling & Lake Erie: Ohio Flood Control Line Revision, 345*
 Whistle (See Locomotive Whistle)
 White "Dream Coach," 451*
 Why Business Opinion is Impotent, 655
 Williamson, F. E.: Changing Position of the Railroads, 752
 Winter Resort at Ketchum on U. P., 352, 388, 611*, 731
 Wood Preservation: Does Gum Wood Make Good Ties?, 202*
 Statistics for 1935, 142
 Tie Research on the A. T. & S. F., 402*
 Woodlock, T. F.: Competition, Within and Without, 751
 Woods for Timber Bridges, Relative Merits of Different, 684
 Work Equipment, Report on The Use of, 485
 World Power Conference: Banquet Held in Washington Station, 355
 Railroad Tour on Program, 158, 354

Y

Yosemite Valley, R.F.C. Loan, 45

Z

Zones, Municipal Trucking: Exemptions Proposed Under Motor Carrier Act, 85, 259, 327
 Philadelphia Zone to be Defined, 959
 Railroads Object to New York Zones, 85, 353, 451*

BOOK REVIEWS

Industrial America, Its Way of Work and Thought, 186
 Interstate Commerce Commission, Part III—Volume B, The, 767
 John Stevens: Railroad Versus Canal, 1812, 423
 Locomotives, 39
 Old Wires and New Waves, 641
 Proceedings Division V—Mechanical, Association of American Railroads, 81
 Proceedings of the American Wood Preservers' Association for 1936, 487
 Proceedings of the Institution of Railway Signal Engineers for 1935-36, Part 2, 80

St. Lawrence Deep Waterway—A Canadian Appraisal, The, 956
 Second Progress Report of the New England Committee on Marine Piling Investigation, 642
 Signal Section, Association of American Railroads: Proceedings, 1935, 423
 Specifications for Design, Construction, Alteration and Repair of Bridges by Fusion Welding, 39
 Steam Locomotive Design; Data and Formulae, 487
 Story of Bridges, The, 881

Treasure Express, 186

Universal Directory of Railway Officials and Railway Year Book, 1936-37, 838

Wrought Iron, 881

ELECTIONS AND APPOINTMENTS

[* Indicates photograph and sketch; † Indicates sketch only]

A

Achenbach, G. A. W., 637
 Acker, F. A., 329
 Ackworth, J. S., 607
 Adamcik, George, 809
 Adams, A. E., 648

Adams, C. G., 650, 738†
 Adams, C. W., 133
 Adams, Lem, 463
 Adamson, C. T., 773
 Adelberg, Arthur R., 389
 Affleck, Benjamin F., 87, 130*
 Alborn, F. G., 696
 Alden, Charles A., 925
 Allen, C. D., 648†
 Allen, R. E., 164
 Allen, Stanton, 260
 Allison, George B., 162
 Allison, J. S., Jr., 648
 Anderson, A. G., 699
 Anderson, F. W., 463
 Anderson, J. P., 961†

Anderson, Sydney, 811
 Andrews, C. B., 430
 Andrews, R. M., 228
 Anthony, J. T., 297
 Anthony, Oscar A., 133
 Argust, E. C., 463
 Armistead, F. W., 775
 Arnold, C. D., 466

ELECTIONS AND APPOINTMENTS—Continued

Arnold, Gayle W., 538
 Arntzen, Norman V., 495
 Atherton, W. C., 13*
 Atkinson, L. H., 608
 Aurelius, Thomas, 130
 Austin, F. S., 13
 Aylin, A. W., 739

B

Bachman, E. L., 852‡, 890*
 Backes, E. W., 429
 Bailey, Clyde S., 759
 Baily, N. N., 359
 Baisinger, W. C., 164
 Baker, A. M., 538
 Baker, W. C., 698
 Baldwin, L. W., 733
 Ball, Robert B., 46, 91*
 Bartlett, O. P., 763
 Batchelder, K. T., 646
 Baths, James M., 738*
 Beale, Guy O., 164, 198*
 Beard, C. H., 606
 Beasley, H. G., 610
 Becker, E., 431
 Becker, J. P., 775
 Becker, R. G., 891
 Beckett, Frank T., 133, 197*
 Beem, H. J., 963
 Belcher, R. S., 408
 Belden, G. A., 910
 Bell, Charles E., 574
 Bell, F. A., 391
 Bell, G. J., 91
 Bell, J. B., 197
 Bell, J. S., 852, 928
 Bennett, J. L., 13*
 Benton, Herman A., 430, 466*
 Benton, John E., 759
 Berger, A. W., 607
 Berenthal, W. E., 775
 Bevan, W. H. B., 538
 Bickler, C. J., 130
 Biltz, F. W., 359
 Binkley, L. F., 430
 Bird, G. B., 738
 Birdseye, Roger W., 928*
 Blackmore, George A., 141*
 Blago, Leo N., 535
 Blair, T. A., 329
 Blaiddell, L. T., 961
 Blake, Wade Hampton, 329, 390‡
 Bledsoe, S. T., 733
 Blest, M. C., 691‡
 Bliss, H. W., 697‡
 Bloomfield, J. C., 130
 Bockes, Thomas W., 196, 263*
 Bockstahler, Walter, 260, 298
 Bolin, J. E., 391
 Booth, W. F., 699, 814*
 Bordelon, C. D., 739, 851*
 Bose, John, 466
 Bostwick, L. C., 575
 Bowen, J. H., 329, 390*
 Bower, Joseph A., 125
 Bowes, Laurence C., 229*
 Bowie, E. G., 134
 Bowler, G. A., 850
 Bowman, H. R., 198
 Bowman, K. B., 887
 Boykin, H. M., 430
 Braden, C. W., 796
 Bradford, A. H., 497
 Brady, L. D., 963
 Bragg, R. R., 197
 Bramon, G. E., 227
 Branch, B. D., 763
 Branch, James Selwyn, 164, 196‡
 Brand, James N., 650, 738‡
 Brandt, H. G., 125, 133, 431*
 Brastrup, Fred, 163
 Brawley, J. E., 46
 Brazelton, T. E., 360
 Breheny, J. J., 46
 Brevillier, A. F., 813, 814*
 Bridge, Arthur C., 851
 Brinker, J., 498
 Brittle, D. F., 645
 Broo, C. W., 607
 Brooke, George D., 962
 Brown, B. M., 740, 814, 890
 Brown, F. A., 738
 Brown, Frederick W., 650, 738‡
 Brown, Sir George McLaren, 537‡
 Brown, H. F., 680
 Brown, W. G., 86*
 Browne, Walter H., 575
 Bruce, I. C., 164
 Bruch, George E., 850*
 Brunton, John W., 390
 Bryant, F. H., 228
 Bucher, George H., 495, 535*
 Budd, Ralph M., 89
 Buffington, C. W., 459
 Buford, R. G., 571
 Bugbee, Waldo E., 847
 Buhlman, E. H., 263
 Buley, W. H., 130
 Bullington, J. A., 130
 Bunnell, E. H., 67*
 Burnap, R. L., 133*
 Burpee, C. Miles, 633

Burpee, G. Bruce, 430
 Burr, H. S., 113, 265*
 Burton, M. C., 196, 265*
 Butler, E. Y., 610
 Butler, J. H., 489, 497, 537*
 Byrer, Harry H., 610*

C

Cady, Paul C., 162, 225*
 Cahill, C. P., 89
 Caird, Robert S., 575
 Caldwell, Joseph, 739
 Call, Douglas, 813, 849‡
 Callahan, F. R., 607
 Campbell, G. M., 959
 Campbell, R. H., 390
 Campbell, R. W., 796
 Cannon, William J., 739
 Capps, Charles R., 165
 Carey, A. W., 796
 Carlisle, W. S., 646
 Carlson, L. E., 722‡
 Carlson, M. L., 928
 Carmalt, James W., 41
 Carmody, John M., 188
 Carr, George R., 811
 Carr, T. W., 431
 Carson, F. L., 814
 Carter, D. F., 699
 Castner, Paul H., 696
 Cathcart, H. W., 299
 Chamberlain, R. E., 699
 Chamberlin, C. E., 359
 Chaney, A. B., 165
 Chapman, Alex, 42
 Chapman, Everett, 464*
 Chappell, B. T., 850
 Cherry, W. Y., 852
 Christianson, H. B., 852
 Christopher, C. F., 961‡
 Christopherson, Sigurd, 459
 Christy, G. C., 607
 Clark, H. H., 90
 Clark, H. T., 299
 Clark, J. D., 447
 Clarke, N. J., 734
 Clement, M. W., 158, 461, 733
 Clifford, E. A., 110, 111*
 Close, J. L., 46
 Cobban, H. B., 353
 Cody, J. M., 809
 Colby, Don S., 163, 196*
 Coleman, R. E., 466
 Colpitts, W. W., 357
 Conn, Donald D., 811
 Conway, Bernard F., 430
 Cook, Frederick S., 429
 Cook, George M., 260, 811
 Cooke, F. J., 391
 Coon, P. H., 739, 851*
 Cooper, T. H., 263, 298*
 Cooper, W. A., 963
 Corbett, J. F., 774
 Corfield, W. D., 164, 228*
 Corrigan, William E., 429*
 Cosby, C. C., 430
 Cox, C. L., 360
 Cox, Whitwell W., 45, 46*
 Crabbe, F. F., 959
 Craig, R. A., 360
 Crane, J. W., 890
 Crawford, Claude, 575
 Crawford, J. E., 848*, 850
 Crawford, W. A., 645
 Crippen, C. E., 851
 Crissey, F. L., 329
 Crites, George S., 634
 Crocombe, William E., 535*
 Crone, Alfred F., 648
 Crone, Lester A., 648
 Crooke, R. R., 495
 Cross, A. A., 197
 Crout, H. C., 130
 Crowley, E. E., 438
 Crowson, George M., 698, 738*
 Crugar, E. L., 824
 Cruthers, Thomas, 261‡
 Cummins, R. R., 133
 Cummins, W. T., 466
 Curfman, Dr. George H., 391
 Curren, W. G., 872
 Cushing, George B., 772
 Cutler, William F., 841

D

Dahl, Gerhard M., 841
 Daly, B. L., 426, 490
 Dampman, C. P., 299
 Daniels, W. M., 813
 Darden, T. F., 67*
 Dasso, David, 464, 495*
 Davenport, E. A., 963
 Davenport, J. E., 265
 Davidson, John L., 608‡
 Davies, James, 962
 Davis, J., 163, 165
 Davis, Joseph, 464
 Davis, W. R., 576

Davison, C. R., 130
 Delaney, J. B., 890
 Delaplaine, Joseph G., 575
 Demarest, Thomas W., 852*
 Demmert, W. J., 607
 Denney, C. E., 158, 461, 733
 Derham, John P., Jr., 228, 264‡
 Desmond, J. J., 775
 Devenish, W. R., 850
 Devlin, Thomas P., 198
 DeWolf, J. B., 225
 Dick, W. H., 46, 91*
 Dimond, J. E., 814
 Dinan, D. W., 849*
 Ditman, F. W., 575
 Dodd, William H., 927*
 Doeber, F. A., 796
 Dolphin, William, 738
 Donohoe, T. F., 438
 Donohue, W., 814
 Doty, L. H., 699
 Dougherty, E. A., 513
 Dove, R. E., 634
 Downard, W. G., 775
 Downey, F. B., 491
 Downey, J. R., 430
 Downs, L. A., 733
 Drain, James A., Jr., 847
 Drake, A. E., 360
 Drinkwater, Terrell C., 130
 Dublin, Harold L., 574
 Dudley, A. S., 227
 Duffie, A. D., 513
 Duggan, J. J., 963
 Dundon, W. J., 196
 Durgin, George, Jr., 848*
 Durkin, Thomas M., 738

E

Eagleston, Howard E., 389
 Earley, T. K., 538, 575, 611‡
 Early, G. G., 329, 391*
 East, Russell G., 699
 Eastman, Joseph B., 959
 Eberly, R. H., 165*, 228
 Eble, William R., 90*
 Eddy, M. A., 163
 Edens, R. E., 698
 Edwards, John, Jr., 90
 Edwards, N. J., 606
 Edwards, Orville G., 227, 263*
 Eisenlord, R. H., 225
 Elgin, J. G., 851
 Ellet, Victor W., 357*
 Elliott, George B., 733
 Ellis, A. R., 327, 357*
 Ellis, D. S., 165*
 Ellis, L. G., 163
 Elsey, Warren Robert, 538, 650*
 England, Frank W., 736
 England, Robert, 198
 English, W. L., 575
 Epright, Alonzo W., 498, 576‡
 Erlenbach, W. E., 963
 Ernst, Frederick A., 327‡
 Etheridge, R. T., 228
 Eubank, D. L., 811
 Evans, C. L., 447
 Exley, H. L., 90
 Exline, C. W., 163

F

Faherty, T. K., 698
 Falck, F. M., 849*
 Fales, Bruce C., 770
 Farmer, Frank Malcolm, 734
 Farrar, Fred, 130
 Farrell, W. J., 13*, 111*
 Fauchette, W. D., 46
 Faye, Charles K., 775
 Fechheimer, C. J., 648
 Fell, F. J., Jr., 67*
 Fenton, J. L., 497
 Fetters, A. H., 814
 Fick, John E., 887
 Fieldner, A. C., 73
 Filer, Enoch C., 225
 Fischer, F. W., 360
 Fischer, Raymond T., 87
 Fish, Harry P., 130
 Fisher, C. P., 698, 774*, 850
 Fisher, Joseph A., 164, 299*
 Fitzgerald, J. W., 610
 Fitzpatrick, Herbert, 873*
 Flanagan, L. F., 646
 Fleming, D. B., 849*
 Flinn, Dr. Alfred D., 734
 Fluh, C. G., 699
 Forbes, R. H., 430
 Ford, E. R., 67*
 Ford, J. R., 963
 Foster, H. D., 698
 Foster, L. A., 497
 Fox, C. B., 890
 Fox, George J., 774
 Frame, Walter O., 90, 197, 227*, 438
 Franks, L. R., 644
 Freiburg, Frederick C., 775

G

Gagnon, W. J. T., 419
 Gallagher, J. J., 774, 775, 814*
 Gallagher, J. P., 513
 Gallaher, Thomas B., 196, 227*
 Galloway, Alexander K., 852, 891*
 Galloway, D. E., 560
 Galloway, G. R., 852
 Gardner, R. H., 772
 Garrett, F. O., 298
 Gartrell, C. R., 809
 Gaston, Charles, 608‡
 Gattis, Charles H., 963
 Gavin, F. J., 45, 46
 Gawthrop, Robert S., 163, 263‡
 George, Herbert, 327‡
 Gibbs, Carl C., 734
 Gill, Charles A., 850*, 852, 872
 Gillespie, B. M., 196
 Ginn, E. H., 961
 Glay, G. A., 890
 Gleason, E. J., 466, 498*
 Glover, J. F., 926*
 Goble, Arthur S., 535‡
 Gold, M. H., 329
 Golden, V. P., 607
 Goodknight, W. F., 329
 Goodloe, W. E., 430
 Goodwin, Dana P., 770
 Gordon, J. A., 811
 Gosnell, E. L., 862
 Gowin, J. D., 430
 Graf, J. J., 725
 Gragg, R. H., 610
 Grant, Walter J., 699*
 Gray, Carl, 733, 874
 Gray, O. L., 699
 Gregory, J. H., 699
 Griffiths, Frederick J., 887
 Grosche, J. J., 466
 Guild, V. D., 198
 Guild, V. M., 89
 Guild, W. H., 89‡
 Guion, C. H., 739, 851*
 Gurton, E. H., 571
 Gustafson, Edward G., 298, 391*

H

Hackenson, C. A., 739
 Hackett, R. R., 637
 Hagemann, O. G., 89
 Hague, John H., 538
 Haley, B. E., 438
 Hall, William, 491
 Hall, William E., 337*
 Halliday, John B., 963
 Hamilton, H. L., 648
 Hammer, C. E., 850
 Hammond, W. K., 926
 Hanlon, James P., 391
 Hanna, E. E., 774
 Hanna, Dr. E. Howard, 329
 Hardgrave, R. L., 164
 Hardin, Frank H., 162, 163, 320*
 Harkrader, T. T., 811
 Harper, Carl A., 459
 Harris, A. E., 770
 Harris, W. F., 852
 Harrison, M. J. J., 498, 576‡
 Harrow, C. V., 360
 Harshbarger, E. M., 358*
 Hartley, L. S., 890
 Hastings, P. P., 196, 264, 265*, 466
 Haupt, H. H., 852*
 Haven, C. D., 130
 Hawk, R. R., 607
 Hayden, J. R., 196, 227*
 Hayes, Thomas M., 227, 228*
 Haynes, J. F., 775
 Hearons, James S., 389‡
 Heimerdinger, W. E., 46, 197, 228*
 Heimes, J. J., 264
 Hein, Walter A., 329, 360*
 Heitmann, P., 738
 Helmstaedter, George L., 228*, 329
 Henkle, John B., 260
 Henry, Robert S., 336*
 Herr, Arthur T., 358*
 Hetsch, E. I., 87‡
 Hewson, E. G., 134
 Heyns, Hugo, 87
 Hitchborn, G. F., 796
 Hickey, W. P., 228
 Higgins, Dan J., 463
 Hill, Albert E., 772
 Hill, J. B., 733
 Hilliker, H. B., 538
 Hillis, William H., 90, 229*
 Hinckman, C. E., 46
 Hinshaw, H. E., 90

July 1—December 31, 1936

ELECTIONS AND APPOINTMENTS—Continued

[* Indicates photograph and sketch; † Indicates sketch only]

Hirsch, R. S., 466
 Hix, A. W., 576
 Hobson, H., 391†
 Hock, W. J., 430
 Hoddy, E. J., 571
 Hoffman, E. T., 196
 Hogan, Lee M., 648
 Holaday, R. F., 927
 Holden, Hale, 733
 Holmberg, A. K., 739
 Holmgren, Henry R., 813*
 Hood, J. M., 353
 Hooper, E. G., 645
 Hooper, F. H., 163
 Hope, W. C., 763
 Hopkins, N. N., 390
 Horning, L. W., 198*
 Horton, R. K., 329, 360
 Hosack, F. R., 699
 Hoskins, F. G., 90
 Houston, Stanley M., 90*
 Hovey, Otis E., 734
 Howard, Blake C., 225
 Howard, N. L., 357
 Hubbard, P. H., 225
 Hubbell, C. C., 872
 Huff, P. O., 164
 Huff, T. T., 811
 Hughes, C. A., 610
 Hughes, Lorne J., 46, 197*
 Hull, C. H., 360
 Humphrey, A. L., 141*
 Hungerford, S. J., 419*
 Hunt, A. L., 575
 Hunt, A. S., 390
 Hunt, F. A., 963
 Hunter, S. M., 535
 Hurst, George T., 466, 891
 Hurst, S. D., Jr., 650
 Huse, H. N., 538

I

Irmter, J. F., 775
 Israel, H. A., 164

J

Jabelmann, Otto, 85, 134*
 Jackson, W. A., 560
 Jaeschke, C. J., 165
 James, D. B., 163
 James, F. T., 491
 James, George P., 763
 James, H. C., 430
 Jeffries, G. C., 164
 Jefferson, Thomas, Jr., 360
 Jenkins, William J., 639*, 848
 Jennings, M. L., 610
 Jennings, R. W., 229
 Jernberg, C. R., 225
 Johns, C. W., 558
 Johnson, A. C., 891
 Johnson, Calmer L., 736
 Johnson, E. H., 852
 Johnson, E. R., 848
 Johnson, Elmer B., 390
 Johnson, F. C., 927
 Johnson, George T., 682
 Johnson, H. M., 739*
 Johnson, J. P., 890
 Johnson, Norman B., 736*
 Johnson, William C., 228, 265*
 Johnston, A. E., 611*
 Johnston, C. A., 227
 Johnston, P. W., 164
 Jolly, L. D., 851
 Jones, A. L., 961
 Jones, George W., 872
 Jones, Hoyle, 357
 Jones, L. M., 739, 775*
 Jones, M. W., 645
 Jones, Mark M., 193†, 811
 Jumper, F. J., 814

K

Kain, E. M., 360, 430
 Kanther, E., 430
 Kartheiser, F. L., 607
 Kasson, A. G., 814
 Keady, W. L., 608
 Kearnes, E. A., 611
 Keene, E. F., 359
 Keiln, Ferdinand A., 696†
 Keiling, K. E., 194
 Kelly, Joseph P., 134
 Kelly, W. H., 90
 Kendall, Herbert M., 650, 738†
 Kenney, W. P., 733
 Kenny, G. L., 360
 Kenny, Thomas, 261
 Kerr, John, Leeds, 925
 Kerwin, J. M., 134*, 299
 Keys, L. C., 498*
 Kiesel, W. F., Jr., 538, 539*
 Kilian, George, 130
 Kilpatrick, J. A., 162, 320

Kimball, L. P., 862
 Kindvater, Julius, 697†
 King, B. J., 228
 King, Frederick L., 650, 738†
 King, James J., 699, 739†
 King, Lewis Palmer, 228, 264†
 Kinsella, J. J., 46
 Kirk, J. C., 13*
 Kirkby, T. M., 431
 Kirkhoff, Charles C., 491
 Kirkpatrick, C. S., 174
 Kirkpatrick, J. P., 890
 Klein, Charles J., 459
 Klein, W. H., 130
 Kline, R. C., 390, 391
 Knight, T. S., 961
 Koke, A. J., 796
 Krames, L. C., 391
 Krampf, L. P., 13*
 Krogh, Edith C., 260, 811
 Krumm, Thomas Z., 228, 265†
 Kuehn, Louis, 772
 Kuhls, Walter H., 774
 Kuhn, Elmer A., 963
 Kuntz, J. H., 851

L

Lacher, W. S., 438, 633
 LaCoste, J. C., 927
 LaFountaine, C. L., 775
 Lake, H. R., 46, 125, 133*
 Lakoski, Walter, 852
 Lamb, George A., 430
 Lamb, L. C., 851
 Lamneck, E. J., 13*
 Lancto, S. A. R., 360
 Landes, B. D., 772
 Lane, Franklin K., 927
 Lane, H. A., 862
 Lang, P. G., Jr., 862
 Langdon, Jervis, Jr., 497
 Lanphear, C. R., 133
 Large, H. W., 611
 Laskey, Frank J., 389
 Laughlin, H. R., 90
 Lavidge, A. W., 698, 773, 774*
 Lavis, Fred, 847
 Lawson, J. W., 165
 Layfield, H. W., 927
 Leahy, Morris R., 228
 Leake, Arthur C., 466
 Leard, D., 466
 Learmont, W. A., 164
 Leary, J. H., 963
 Lee, C. H., 738
 Lee, Earle G., 610
 Lee, George S., 489, 497, 537*, 650
 Leiserson, W. M., 41
 Leonard, J. F., 245
 Leonard, S. Vern, 196
 Levy, Berne, 391
 Lewis, C. Edward, 645
 Lewis, Hansell, 645
 Lichty, C. A., 634
 Light, H. B., 164, 299*
 Lincoln, D. R., 739
 Lindquist, C. D., 611
 Lister, Charles A., 427
 Littlefield, R. J., 198
 Livingston, Harold T., 46, 197*
 Llewellyn, W. D., 263, 264*
 Lockney, N. H., 466
 Lockwood, R. L., 736
 Loomis, James Lee, 813
 Looney, A. L., 134
 Loree, L. F., 926
 Lorenz, Peter M., 327‡
 Loury, Gray E., 228
 Lowder, Howard, 963
 Lowe, J. G., 391
 Lowe, L. L., 298
 Lower, N. M., 961
 Lowmaster, A. T., 962
 Lucy, E. K., 164
 Luedke, A. J., 772
 Lunt, Clifford Robert, 133
 Lyford, Frederic E., 429, 464*
 Lyles, M. L., 89
 Lyman, L. B., 46
 Lyman, R. F., 430
 Lyons, I. F., 796

M

Mabie, C. N., 927
 MacKay, J. I., 774
 Mackley, G. H., 190
 Maddock, J. B., 910
 Magaw, Charles A., 196, 227‡
 Mahoney, J. E., 463, 925
 Mahoney, J. J., 46, 90*
 Mahood, Alexander M., 759
 Mailer, J. W., 260
 Major, Edgar H., 466, 538*
 Mallay, Paul D., 42
 Mallory, E. P., 927*
 Maloney, R. D., 738, 814
 Mann, A. C., 13*
 Manson, E. F., 197

Mapp, W. H., 774
 Marshall, W. A., 228, 298‡
 Masters, F. H., 633
 Mathis, C. N., 190
 Mattes, E. M., 814
 Matthew, Allen P., 691
 Matthews, Schuyler C., 264‡, 611
 Mattson, C. M., 775
 Maxson, Willis E., 45, 46, 163‡
 Maxwell, W. A., Jr., 130
 May, Herbert A., 429, 535, 536*
 May, Robert E., 759
 Mays, E. D., 497, 538
 McAmis, W. H., 699
 McCarthy, P. T., 774
 McCarthy, William V., 466
 McClane, R. E., 963
 McColl, Robert B., 357, 464, 495*
 McComb, R. J., 463
 McDermott, Thomas J., 134, 198*
 McDonald, T. A., 466
 McDonald, W. F., 852
 McDonald, W. J., 962
 McDonough, Chris, 46, 164*
 McDougall, D. H., 419
 McEachern, W. H., 498
 McEntee, J. T., 360
 McEwen, Frank P., 574*
 McGee, P. A., 360
 McGrew, D. C., 130
 McKay, Thomas E., 759
 McKeown, T. M., 963
 McKinney, C. F., 134
 McKinnon, J. H., 890
 McLauray, Herbert F., 221, 229, 337*
 McLeod, A. R., 814, 850
 McNab, J. G., 89
 McNaughton, Stewart, 535
 McNeal, C. F., 891
 McNeill, J. A., 890
 McPeek, Miss Velma, 610
 McReynolds, E. H., 844, 187*
 McSweeney, E. J., 852
 McSweeney, J. P., 963
 Meek, Harry H., 926‡
 Meier, Morton L., 427
 Melville, C. A., 759
 Merriken, C. W., 887
 Merrill, John W., 770
 Merritt, G. R., 329
 Merritt, Kinsey N., 489, 498, 539*
 Messenkopf, C. F., 489, 497, 538*
 Messmore, R. A., 227
 Metcalf, F. M., 76
 Metcalf, M. A., 927*
 Metcalfe, J. G., 466
 Metzger, Lewis W., Jr., 535‡
 Meyer, E. A., 76
 Meyercord, George R., 155
 Meyers, B. R., 634
 Michelbach, A. W., 430
 Milar, K. A., 607
 Miller, C., 558
 Miller, Frank C., 225
 Miller, John A., 130
 Miller, Perrin C., 811
 Milton, M. V., 459
 Miranda, F., 575
 Mitchell, Hector C., 164, 196‡
 Mitchell, James W., 575, 699*
 Moffat, B. F., 298
 Moffatt, R. J., 419
 Montgomery, W. B., 130
 Monpeny, William, 770
 Moodie, W. T., 850
 Moore, Frank H., 89*
 Moore, J. B., 498
 Moore, Samuel W., 89*
 Moore, William N., 459
 Morrill, Asa H., 134*
 Morris, H., 299
 Morris, J. S., 814
 Morris, W. A., 263
 Morrow, G. W., 646
 Morton, J. J., 89
 Mosher, Curtis L., 260
 Moss, R. W., 133
 Mossgrove, Jess, 463
 Mowry, M. L., 164
 Mullane, D. J., 606
 Mullen, Francis R., 46*
 Munro, W. I., 850
 Murdoch, J. Y., 419
 Murphy, C. E., 736
 Murphy, H. C., 89
 Murphy, M. J., 329
 Murray, T. V., Jr., 360
 Murrin, C. H., 13*
 Myers, J. W., 849

N

Nancarrow, H. L., 498, 576, 610*
 Nash, F. W., 611*
 Nash, L. P., 575
 Nash, T. R., 164
 Nason, F. W., 133
 Negley, S. R., 360
 Nelson, C. J., 607
 Nelson, C. W., 682

Neslen, R. F., 699
 Netherwood, J. S., 814
 Nettleton, J. G., 959
 Neumann, Otto G., 194
 Neville, E. C., 633
 Newell, J. W., 67
 Newlands, L. C., 491
 Newton, A. W., 759
 Nichols, L., 298
 Nichols, R. B., 357
 Nickless, C. W., 959
 Nolan, J. J., 963
 Norris, George W., 357
 North, N. F., 890
 Norton, Philip J., 134
 Novak, A. W., 459
 Nowell, G. H., 134

O

O'Brien, Maurice E., 130
 Ogg, O. J., 164
 Oliver, George K., 607
 Olson, Carl G., 736
 Olson, T., 814
 O'Mahoney, J. M., 963
 Onan, R. M., 648
 O'Neal, A. R., 535
 O'Neill, W. J., 229
 O'Rourke, W. P., 89
 Orr, N. H., 130
 Owen, R., 174
 Owens, W. C., 850
 Oxley, J., 491

P

Pace, H. G., 227
 Palethorpe, J. L., 774
 Palmer, H. S., 158, 461, 813
 Parker, W. O., 890
 Parkes, Holcombe, 336*
 Parkinson, F. P., 926, 927*
 Parkinson, J. A., 391, 430‡
 Parks, E. T., 575
 Parsley, O. G., 739
 Parsons, R. C., 466
 Patchell, W. W., 498, 698
 Pate, Heath W., 391
 Pateson, J. C., 537
 Payne, L. A., 46
 Payne, Ralph W., 847
 Peck, E. A., 90
 Perrow, W. G., 491
 Persons, C. L., 759
 Peters, A. D., 650, 774‡
 Peterson, A. H., 438
 Peterson, H. A., 329
 Pettibone, Frank G., 45, 163*
 Pfau, J. W., 513
 Pfeiffer, A. T., 447
 Pfeiffer, John, 299
 Philhour, C. W., 46
 Phillips, William H., 130
 Pierson, R. D., 391
 Pierson, S. G., 130
 Pindell, Thomas H., 890, 962*
 Piper, E. H., 46, 90
 Pitchford, Walter S., 466
 Pittman, Charles A., 645
 Plummer, R. E., 497
 Podesta, L. A., 46
 Polk, John P., 466
 Polson, S. J., 197
 Porter, S. L., 698, 773*
 Post, W. M., 725
 Poteet, R. W., 796
 Powelson, F. A., 133
 Power, John J., 775
 Pratt, C. B., 46
 Praytor, J. L., 130
 Prescott, Frank H., 648
 Preston, A. L., 575
 Price, Don K., 466, 498*
 Price, Walter L., 89‡
 Prickett, J. M., 537*
 Prickman, W. R., 963
 Pruitt, W. C., 775
 Pye, D. W., 872

Q

Queneau, A. L. J., 734
 Quinn, John J., 125
 Quirk, W. T., 391
 Quivey, O. K., 890‡

R

Raasch, Roy C., 811
 Raney, G. W., 738
 Rausch, C. C., 646
 Ray, H. E., 13*

ELECTIONS AND APPOINTMENTS—Continued

Raymond, J. B., 329
 Raymond, C. A., 890
 Rector, Mason, 329
 Redhead, J. H., 225
 Reed, A. L., 796
 Reed, F. D., 13*
 Reed, Leon C., 194
 Reed, M. R., 852
 Rees, H., 852
 Reese, W. A., 391
 Reese, Walter, 263*
 Reford, T. P., 165
 Reinhardt, A. M., 466, 575, 576*
 Reter, R. R., 491
 Rex, F. R., 698
 Rhodes, S. C., 814
 Rice, George B., 165*
 Richards, C. A., 329
 Richards, C. A. J., 633
 Richards, L. D., 134
 Richardson, Arthur R., 497*
 Ridgway, H. W., 265†, 299
 Riegel, John C., 390
 Risley, F. S., 890*
 Rivinus, F. M., 89*
 Roadstrum, Victor N., 130
 Robbins, B. W., 538
 Roblee, L. H. S., 357
 Rodger, J. H., 734
 Roe, Dr. John F., 391
 Roeder, Arthur, 130
 Roesch, F. P., 447
 Rogers, P. B., 607
 Roll, H. E., 163
 Roosevelt, G. Hall, 926
 Roper, M. W., 775
 Ross, J. F., 926*, 927
 Rowan, Charles A., 141*
 Ruppert, Charles L., 90, 164‡

S

Safford, E. P., 438
 Salditt, Frederick, 772
 Sample, Walter E., 299
 Sandahl, O. M., 430
 Sanford, J. E., 87
 Savage, Irving, 329
 Sayles, Charles J., 576*
 Scandrett, H. A., 733
 Schaefer, J. G., 430
 Scheer, E. W., 158, 461
 Schier, Elmer A., 610, 650*
 Schilling, F. A., 265
 Schindler, R. E., 353
 Schneider, Heinrich, 357
 Schoonover, W. H., 698
 Schramm, Frederick O., 389
 Scott, G. E., 13*
 Scott, J. M., 90
 Scott, W. R., 796
 Scribner, H. L., 862
 Searle, C. A., 164
 Searles, C. S., 774
 Seddon, W. L., 46
 Seibel, E. F., 130
 Sengstacken, Harry, 699
 Senter, C. L., 228, 264‡
 Senter, J. A., 571
 Seward, R. R., 42
 Shackelford, W. A., 430
 Shalloe, T. M., 360
 Shaner, H. J., 648
 Sharpley, H. F., 133, 265†, 910
 Shaughnessy, John J., 196, 299*
 Sheaffer, J. G., 498
 Sheffer, Burton H., 963
 Sherman, Henry T., 357
 Sherratt, Robert E., 389
 Shoulty, F. A., 607
 Showalter, A. C., 650, 774‡

Shreeve, J. C., 607
 Shriver, Charles M., 90
 Shubert, F. J., 927
 Shull, C. O., 576
 Shull, E. A., 928
 Shultz, L. W., 774
 Sillcox, L. K., 194
 Simmons, I. L., 273
 Simpson, Howard E., 466*
 Simpson, J. G., 575
 Sims, R. L., 438
 Skillen, John R., 164, 263‡
 Skillman, Thomas J., 699, 739*
 Slaven, J. T., 265
 Slichter, Prof. Walter I., 734
 Sloan, Matthew S., 357
 Small, John A., 45*
 Smith, A. E., 607
 Smith, A. R., 648
 Smith, Blaine S., 87, 130*
 Smith, F. A., 963
 Smith, F. C., 698
 Smith, G. B., 89
 Smith, George M., 650‡, 698
 Smith, H. M., 13*
 Smith, H. W., Jr., 87
 Smith, Harold Byron, 736
 Smith, M. F., 265
 Smith, Nelson Lee, 759
 Smith, Philip A., Jr., 154
 Smith, R. D., 466
 Smith, R. H., 850*
 Smith, Stanley H., 847
 Smith, T. C., 699
 Smith, T. Duff, 447
 Smith, Wallace W., 130
 Smithers, E. L., 962
 Snell, W., 607
 Snow, Franklin, 770
 Sommers, W. C., 610
 Sonneborn, R. H., 736
 Sorenson, A. L., 13*, 111*
 Soulent, Roger J., 696
 Spackman, G. Donald, 464
 Sparkes, S. D., 809
 Sparks, P. C., 862
 Sperry, Fred E., 90, 164‡
 Spiller, W. R., 696
 Sprague, K., 606
 Staley, J. R., 739, 851*
 Stanley, J. A., 814
 Starkie, John L., 91, 229*
 Starkweather, F. E., 682
 Steere, Kenneth D., 926
 Steinmetz, R. H., 645
 Stem, A. D., 574
 Steudel, A. W., 535
 Stevens, A. F., 890
 Stevenson, George, 811
 Stevenson, John, 90
 Stewart, C. A., 498
 Stewart, G. R., 560
 Stewart, H. B., Jr., 329
 Stewart, J. P., 165
 Stewart, L. L., 495
 Stiglmeier, Albert F., 459
 Stockdale, H., 575
 Stoerber, C. A., 360
 Storer, N. W., 696, 736*
 Stotter, W. C., 466
 Strate, T. H., 852
 Straub, W. C., 574
 Streamer, A. C., 389
 Strickland, Charles G., 225
 Stuart, J. G., 113
 Stuckey, A. G., 227
 Sturman, J. T., 359
 Suder, K. H., 927
 Supplee, W. D., 498
 Swinney, Paul H., 133
 Swords, J. W., 497
 Symington, H. J., 419

T

Tabor, C. H., 849, 890*
 Talbot, A. N., 811‡
 Talboys, H. H., 463
 Tate, Hugh M., 959
 Temple, M. F., 329
 Temple, Stanley A., 890
 Thom, J. B., 698
 Thomas, Harry K., 775
 Thomas, John, 357
 Thomas, S. R., 648*
 Thomas, W. P., 736
 Thompson, D. B., 513, 680
 Thompson, D. R., 360
 Thompson, Earl E., 775
 Thompson, J. K., 329, 359*
 Thompson, O. L., 329
 Thorn, E. N., 466, 497*
 Thornton, T. F., 696
 Thrall, E. L., 133
 Thulin, Earle E., 646
 Tilman, D. W., 862
 Timken, H. H., Jr., 887
 Timkin, W. Robert, 887
 Timmins, H. B., 90
 Tobey, C. B., 13*, 111*
 Tobin, Thomas J., 329, 359*
 Todd, Stanley W., 645
 Torgler, E. F., 963
 Totten, George E., 225
 Tracy, W. O., 849, 850*
 Treiber, Paul S., 326‡
 Trombley, H. C., 90, 263
 Troy, M. O., 961
 Tuck, R., 265
 Tucker, B. C., 162, 194
 Tummonds, Walter H., 263, 298*
 Turney, Tom, 811
 Tusha, E. A., 430
 Twyman, A. B., 227
 Tyler, Leslie H., 158

U

Uchiyama, K., 882
 Ulrich, C. A., 575
 Umlauf, E. C., 459
 Umstated, William E., 887
 Uvaas, L. A., 329

V

Vandenoever, C. T., 796
 Varnum, George W., 391
 Vaughn, W. M., 809
 Verbarg, L. J., 682
 Verity, Calvin, 429
 Vincent, H. C., 196
 Vogelsang, John N., 87
 Voorhees, H. B., 86*
 Vreeland, H. H., 872

W

Wadsworth, G. D., 497
 Wagner, John, Jr., 164
 Wahl, G. M., 927
 Walder, G. H., 13*
 Walker, A. E., 738
 Walsh, Charles P., 498
 Walsh, J. H., 497
 Walters, O. O., 228
 Walton, N. B., 774*, 850

Ward, Berkeley, Jr., 850
 Ward, C. E., 646
 Ward, Herbert W., 298, 360*
 Warren, J. C., 228
 Watkins, H. G., 391
 Weaver, C. E., 133
 Weaver, W. K., 90, 263, 264*
 Wedge, B. O., 390
 Weiler, George G., 847*
 Weinberger, E. M., 133
 Wells, W. W., 163
 Welty, H. T., 513
 Wheat, R. L., 650
 Wheeler, Robert S., 489, 497, 538*
 Wheelwright, B. W., 133
 Whipple, C. A., 558
 White, John W., 648
 White, L. L., 359
 White, W. G., 927, 928*
 Whitehouse, Irving, 648
 Whiting, Robert J., 464*
 Whitman, E. A., 227, 228
 Whitman, J. D., 360
 Whittington, J. F., 466
 Whittlesey, H. D., 535
 Wickett, W. H., 644
 Wiegand, F. B., 513
 Wiggins, William D., 245, 699, 740*
 Wilkens, D. C., 775
 Willard, Daniel, 461, 733
 Williams, J. K., 739, 890
 Williams, T. E., 390
 Williams, T. E., 391
 Williams, W. W., 696
 Williamson, F. E., 158, 461, 733
 Wilson, A. B., 265
 Wilson, C. B., 263
 Wilson, H. R., 739
 Wilson, V. H., 699
 Wilson, William P., 90, 164*
 Winans, T. C., 772
 Wing, Walter S., 130
 Withrow, P. C., 229
 Wolff, Herbert W., 427*
 Wood, Col. Eric Fisher, 811
 Wood, Harvey N., 736
 Wood, K. H., 535*
 Wood, L. B., 13*
 Wood, W. H., 890
 Wood, William B., 699, 740*
 Woodman, R. P., 90, 263, 298*
 Woodward, G. S., 538
 Woolford, W. Wallace, 650
 Workman, William, 849
 Worrall, Douglas H., 90*
 Worthington, S. P., 645
 Wright, Clarence E., 159
 Wright, G. I., 357, 360, 389*, 680
 Wyatt, H. F., 90

Y

Yahn, G. E., 197
 Yamanouchi, Keiichi, 882
 Yarnall, Dr. Robert, 734
 Yeilding, Harold M., 260
 Young, B. E., 337*
 Young, C. D., 848
 Young, George L., 459
 Young, H. H., 611
 Young, W. N., 862
 Younger, J. O., 851
 Youngholm, David S., 697*

Z

Zahnizer, Raymond E., 574
 Ziegler, E. D., 611
 Zysman, Julius, 13*

OBITUARY

[* Indicates photograph and sketch; ‡ Indicates sketch only]

Albright, P. R., 963
 Allen, Porter, 928*
 Anderson, H. P., 130
 Averitt, Joe T., 740‡, 775
 Axtell, Clinton Jesse, 648‡
 Bagwell, Eugene C., 391, 430, 431*
 Baird, R. I., 162*
 Baldwin, William W., 165‡
 Barr, Frank P., 498*
 Bates, Edwin P., 299
 Beach, Elmer L., 497
 Beaghen, Thomas, Jr., 775‡
 Becker, Robert A., 225‡
 Beek, Joseph H., 260‡
 Bell, J. Victor, 609*
 Betz, John H., 133, 134
 Birchfield, Carlton J., 611, 928
 Blair, George W., 133
 Boyce, George, 198‡, 228
 Brazier, Frederick W., 539*
 Burpee, Moses, 329, 360*

Cameron, J. M., 650
 Campbell, F. D., 963
 Capps, Charles R., 229, 266*
 Carlin, George T., 90
 Cartzdfner, Roy E., 772‡
 Causey, Col. W. B., 266‡
 Cawthorne, Charles S., 297
 Cheever, H. Durant, 697*
 Clark, Horace J., 229
 Cleveland, George C., 963‡
 Conley, P. W., 134
 Crocker, Horace A., 42‡
 Crone, Seth A., 609*, 648
 Cronly, Richard D., Sr., 891
 Cundiff, Warren K., 165‡
 Cunningham, William, 891‡
 DeCamp, Ray P., 391
 Dixon, William B., 611‡
 Dodge, F. D., 699
 Earl, Harry Duncan, 46, 91‡

Edmonds, Walter J., 961‡
 Emley, N. B., 134
 Entwistle, E. B., 887
 Farnham, Burton W., 963
 Fettinger, Harry Orville, 389‡, 608
 Flood, George P., 740
 Fluth, Gerhardt E., 265
 Flynn, P. J., 576‡
 Gill, John, 329
 Grabu'n, Arthur L., 539
 Greding, M. A., 851
 Grigg, Frank N., 574‡
 Grove, Paul L., 775‡
 Hall, Henry Clay, 731
 Hammond, Dr. Schuyler Weston, 466
 Hart, Peter C., 498
 Henning, Charles F., 536‡
 Humes, H. A., 891
 James, George, 299

Johnson, J. H., 134, 163
 Johnston, Woodson G., 91‡, 163
 Jones, Ralph, 390, 391
 Jones, Sam, 497
 Jones, William N., 466
 Kellogg, David Kemper, 611‡, 813
 Kennedy, Fred D., 536‡
 Kennedy, Col. Moorhead C., 699‡
 Keys, William B., 535
 Kincaide, John W., 225
 Kintner, Dr. Samuel M., 496*
 Kirby, Fred, 299
 Lawton, Col. Alexander Rudolph, 963
 List, M. C. 959
 Lorenz, J. M., 961*
 Luke, I. H., 963‡
 Lynn, Samuel, 266*, 431
 Mark, Clayton, 87‡
 Maxwell, William C., 266‡, 329

RAILWAY AGE—Index

OBITUARY—Continued

[* Indicates photograph and sketch; † Indicates sketch only]

McBride, S. J., 228
 McCausland, Charles Patterson, 740, 852†
 McKirchy, W. W., 353
 McMichael, Alan, 134
 Mellum, O. H., 297, 328*
 Miller, J. C., 851
 Morris, Eugene C., 650†, 813
 Morse, Edward A., 736*
 Murray, Robert S., 225
 Needles, Arthur C., 639*, 838
 Neely, Paul J., 961
 Norris, Roy W., 963
 Ogden, George D., 539*
 Ormsby, W. J., 46
 Osborne, Charles W., 847†
 O'Toole, Timothy A., 814

Pansius, H. G. E., 391, 575
 Parker, Luther M., 165
 Parsons, Leslie G., 699, 739, 890
 Patterson, W. B., 650, 773
 Perkins, Albert T., 891†
 Phillips, George Z., 891
 Platt, John Gilmore, 194*
 Prehn, L. W., 263
 Reid, Robert A., 963
 Riegel, Samuel S., 134
 Roberts, T. L., 890
 Rooth, W. L., 264
 Schall, Frederick E., 266
 Scougale, A., 851
 Seaman, George M., 429
 Shafer, Arthur Bointon, 740

Sharpe, Robert J., 223
 Shuey, William H., 464
 Sikes, Z. H., 265
 Skinner, William D., 134
 Smith, Harold C., 736
 Soffel, P. K., 497
 Souther, C. N., 91
 Sparrow, Leonard L., 963†
 Squiggins, George W., 299†
 Stephenson, Edward Francis, 928†, 963
 Stuart, J. G., 466
 Sykes, George, 130
 Thill, Edward J., 134
 Thompson, T., 91
 Trufant, William G., 165, 360
 Turtle, John A., 391

Ueckert, Herman H., 611
 Vail, J. Jervis, 928
 Vanderblue, Frank J., 266, 360
 Van Sweringen, Oris P., 793*
 Walker, Edward T., 358†
 Walters, George L., 536
 Watkins, William T., 648*
 Watts, R. F., 466
 Webb, William A., 266†
 White, Richard A., 775†
 Whitridge, John C., 194, 261*
 Wigton, T. W., 576, 699
 Wood, Alfred M., 261
 Ziegler, George, 814

RAILWAY CONSTRUCTION

Atchison, Topeka & Santa Fe, 465
 Baltimore & Ohio, 194, 533, 573, 609, 847
 Baltimore & Ohio Chicago Terminal, 533
 Bessemer & Lake Erie, 390
 Boston & Maine, 87
 California & Oregon Coast, 225, 772
 Canadian National, 494, 533, 772
 Central of New Jersey, 925
 Chesapeake & Ohio, 131, 533, 648, 737
 Chicago & North Western, 194, 296, 772
 Chicago, Milwaukee, St. Paul & Pacific, 296
 Chicago, North Shore & Milwaukee, 194
 Chicago, Rock Island & Pacific, 87, 358, 813
 Delaware, Lackawanna & Western, 161, 465, 772, 813, 847
 Des Moines Union, 696
 Erie, 87, 225, 465, 573

Georgia & Florida, 225
 Grand Trunk Western, 44
 Lehigh Valley, 44, 465, 573, 847
 Long Island, 465, 813
 Louisville & Nashville, 465, 960
 Minneapolis & St. Louis, 161, 533
 Minneapolis, St. Paul & Sault Ste. Marie, 430
 Missouri Pacific, 533, 573, 889
 New York & Long Branch, 465, 573
 New York Central, 87, 131, 194, 225, 261, 390, 430, 465, 533, 573, 696, 737, 772, 889
 New York, Chicago & St. Louis, 494, 573
 New York, New Haven & Hartford, 261, 430, 696
 New York State Public Service Commission, 813
 Northern Pacific, 161, 648
 Pennsylvania, 44, 430, 465, 494, 533, 573, 609, 696

Reading, 847
 Richmond, Fredericksburg & Potomac, 648
 St. Louis, Mo., 87, 573, 648, 737, 889
 St. Louis-San Francisco, 194, 960
 Seaboard Air Line, 358
 South Buffalo, 573
 Southern Pacific, 847
 Springfield, Ill., 131
 Staten Island Rapid Transit Railway, 44, 296, 390, 533, 648
 Terminal Railroad Association of St. Louis, 465
 Texas & Pacific, 494
 Union Pacific, 161
 Virginian, 813
 Wabash, 161, 162, 225, 390, 430, 648, 925
 Western Pacific, 573, 960

FINANCIAL NEWS

Abilene & Southern, 358
 Akron, Canton & Youngstown, 737
 Alabama & Western Florida, 737
 Alabama, Tennessee & Northern, 429
 Alton, 737
 Arcadia & Betsy River, 962
 Ashley, Drew & Northern, 328
 Atchison, Topeka & Santa Fe, 44, 226, 297, 358, 465, 574, 649, 697, 888, 925, 962
 Atchison Union Depot, 848
 Atlanta & St. Andrews Bay, 962
 Atlantic & Yadkin, 297, 574
 Baltimore & Ohio, 888
 Bangor & Aroostook, 358, 609, 649, 888
 Birmingham Southern, 737, 848
 Blissfield, 574, 649
 Bois & Western, 131, 262
 Boston & Maine, 358, 649, 772, 848
 Brownsville & Matamoros Bridge, 131
 California & Oregon Coast, 496
 Cambria & Indiana, 609
 Canton & Carthage, 328
 Carlton & Coast, 772
 Central of Georgia, 226, 536
 Central of New Jersey, 328, 649
 Central Vermont, 962
 Central West Virginia & Southern, 649, 697
 Charles City Western, 131
 Chesapeake & Ohio, 44, 131, 162, 195, 226, 536, 737, 772, 812, 888
 Chicago & Eastern Illinois, 262, 536, 649, 812
 Chicago & Illinois Midland, 226
 Chicago & North Western, 131, 162, 195, 328, 429, 465, 536, 772, 812
 Chicago, Burlington & Quincy, 574
 Chicago Great Western, 44, 131, 162, 496, 609
 Chicago, Indianapolis & Louisville, 195
 Chicago, Kalamazoo & Saginaw, 812
 Chicago, Milwaukee, St. Paul & Pacific, 297, 358, 609, 812, 962
 Chicago, Rock Island & Pacific, 195, 328, 574, 848, 888, 962
 Chicago Union Station, 226, 262, 328, 358
 Cincinnati & Westwood, 328
 Cincinnati, New Orleans & Texas Pacific, 772
 Colorado & Southern, 649
 Copper Range, 925
 Dalles & Southern, 328
 Denver & Rio Grande Western, 88, 162, 195, 888
 Denver & Salt Lake Western, 162
 Duluth, Missabe & Northern, 574
 Elgin, Joliet & Eastern, 888
 Erie, 226, 737

Florida East Coast, 297, 497, 609
 Fort Worth & Denver City, 131, 262, 390
 Fort Worth & Rio Grande, 88, 195
 Fort Worth Belt, 697
 Gainesville Midland, 429
 Grand Trunk Western, 131, 889
 Great Northern, 390, 649, 962
 Gulf, Mobile & Northern, 536, 772, 925
 Hickory Valley, 574
 Illinois Central, 195, 574, 773, 812, 888, 925
 Kansas City, Kaw Valley & Western, 812
 Kansas City Southern, 772, 925
 Kansas, Oklahoma & Gulf, 889
 Lake Erie, Franklin & Clarion, 697
 Lehigh & New England, 262, 359, 429, 889
 Lehigh Valley, 609, 697, 772, 889
 Lime Rock, 889
 Los Angeles & Salt Lake, 359
 Louisiana & Arkansas, 297, 772
 Louisiana & North West, 297
 Louisville & Nashville, 88, 162, 195, 497
 Maine Central, 44, 359, 574, 889
 Marietta & Blountstown, 226
 Maxton, Alma & Southbound, 737
 McCloud River, 609
 Michigan Central, 262
 Milwaukee, Rockford & Southwestern, 162
 Minneapolis & St. Louis, 44, 88, 131, 162, 195, 226, 609, 649
 Minneapolis, St. Paul & Sault Ste. Marie, 131, 262, 359, 574, 649, 812, 962
 Minnesota Transfer, 262
 Missouri & Kansas, 359, 649
 Missouri Pacific, 132, 163, 195, 262, 297, 328, 497, 575, 649, 698, 737, 926
 Missouri Pacific Transportation Company, 649, 697
 Missouri Southern, 536
 Monessen Southwestern, 328
 Morgan & Fentress, 812
 Nashville, Chattanooga & St. Louis, 698, 962
 New York Central, 262, 297, 390, 497, 649, 773, 848, 889, 926
 New York, Chicago & St. Louis, 88, 132, 226, 262, 297, 610, 737, 773, 813, 926
 New York, New Haven & Hartford, 132, 195, 262, 297, 328, 429, 497, 575, 610, 813
 New York, Susquehanna & Western, 925
 Norfolk & Western, 163, 848

Norfolk Southern, 429, 465, 889
 Norfolk Southern Bus Corporation, 889
 Northern Pacific, 262, 328, 390, 962
 Okmulgee Northern, 390
 Pennsylvania, 45, 132, 226, 262, 297, 328, 359, 536, 575, 698, 773, 889, 926
 Pennsylvania-Reading Seashore Lines, 196
 Pere Marquette, 773
 Petersborough & Hillsborough, 196
 Piedmont & Northern, 610, 737, 848
 Pittsburgh & Susquehanna, 610
 Pittsburgh & West Virginia, 297, 359, 737, 810, 926
 Prescott & Northwestern, 610
 Puget Sound & Cascade, 575
 Quakertown & Bethlehem, 813
 Reading, 575
 St. Louis-San Francisco, 88, 848
 St. Louis Southwestern, 132
 Santa Fe Trail Stages, 889
 Santa Fe Transportation Company, 88, 649
 Savannah & Atlanta, 465, 962
 Sierra Railroad, 575
 Southern, 226, 328, 649
 Southern Pacific, 132, 163, 226, 262, 536, 575, 649, 698, 773, 889
 Spokane International, 429
 Tennessee Central, 737, 813
 Texas & Pacific, 536
 Tioga, 610
 Toledo, Peoria & Western, 737
 Trinity Valley Southern, 196
 Union Pacific, 262, 465, 575
 Union Pacific Stages, Inc., 196
 Union Railroad, 698, 962
 Union Transfer Company, 698
 Valley, 196
 Virginian, 196
 Wabash, 962
 Waco, Beaumont, Trinity & Sabine, 497, 848
 West Clarion, 196
 Western Maryland, 196, 773, 926
 Western Pacific, 132, 328, 497, 610, 926
 Wheeling & Lake Erie, 45, 88, 163, 226, 297, 698, 773, 848
 Wisconsin Central, 131, 359
 Yale Short Line, 297
 Yosemite Valley, 45
 Yreka Western, 88

